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MUNEER AHMED

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OBJECTIVE To obtain an entry-level civil engineering position

EDUCATION Bachelors of Science in Civil & Environmental Engineering
Expected Date of Graduation May 2007
Concentration: Structural & Construction Management GPA: 3.3/4.0
Worcester Polytechnic Institute, Worcester, MA

Relevant Courses

Design of Steel Structures, Foundation Design, Design of Concrete Structures, Construction Project Development, Structural Analysis, Construction Project Control, Civil Engineering Materials, Architectural Engineering Systems, Surveying, Hydrology, Soil Mechanics, Legal Aspects of Design & Construction, Cost Estimating & Scheduling

PROJECT WORK

Major Qualifying Project
WPI & Gilbane Inc., Worcester, MA Sept 2006 - Present

- Assisting in the Close-Out Process at the Worcester Trial Courthouse
- Analyzing different types of Deep Foundations
- Studying the progress of the Construction on Primavera and Prolog

Interactive Qualifying Project
WPI Plant Services, Worcester, MA Oct 2005 – May 2006

- Mapped WPI campus from GIS to MapInfo
- Inventory and Analyze: Type, Cost and Maintenance of Plants at WPI on MS-Database

INTERNSHIP EXPERIENCE

Mujeeb Construction, Inc., Providence, RI Summers 2004-2006
Construction Site Supervisor

- Acquired an 'Unrestricted Supervisor License' from the state of Massachusetts for business purposes
- Supervised construction site for foundation and blasting rock
- Acted as a liaison between the CEO and subcontractors in resolving conflict regarding drilling and excavation
- Responsible for meeting w/subcontractors to discuss availability of materials and other business needs
- Provided support in processing invoices and preparing work orders

National Lumber Inc., Mansfield, MA Winter 2005
Technical Assistant

- Generated blueprints for Engineers
- Provided support to the design team by creating Excel spreadsheets for various projects
- Assisted in providing estimates for bill of materials to the departments
- Generated and edited layouts using CAD

SKILLS

Primavera, AutoCAD, MS-Office, Prolog, RISA, Smada 6.0, Revit, MapInfo, Frame, TRUSS

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College Address

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OBJECTIVE

To obtain a position in the Civil Engineering field with a focus in Construction Project Management

EDUCATION

Worcester Polytechnic Institute, Worcester, MA Anticipated Date of Graduation with B.S. May, 2007

ACADEMIC PROJECTS

Major Qualifying Project Worcester, MA September, 2006 – March, 2007

Working in partnership with 4 other individuals in WPI's first project involving the pre-construction process for the planning, designing and building of a new residence hall for WPI students. Tasks will include cost-estimating and scheduling for schematic designs and design development. We will be mimicking the responsibilities of the Construction Management Firm, including use of value engineering and other cost saving recommendations.

Interdisciplinary Qualifying Project London, England January – March, 2006

Collaborated with 3 other students to research and assess the City of Westminster's level of street management integration. Created flowcharts, produced a report and presented our findings to the Board of Directors in the City Council. Documented were the findings of the research, suggestions for improvement, specifications, and a mock version of a PDA that could assist in the reporting of issues directly from the street. Personally served as the contact member-making phone calls to arrange meetings and interviews as well as organizing the incoming data.

Project Management Term Project October – November, 2006

Produced a mock bid for a hypothetical job with 3 other students. Used Primavera to assess and adjust the balance between time and money. Responsible for choosing sub-contractors and dealing with the insurance and bonding.

WORK EXPERIENCE

Field Engineering Intern, MassHighway, Worcester, MA Summer of 2006

Worked on site with Civil Engineering field inspectors. Responsibilities included but were not limited to review of contract documents, plans and specifications, supervision and inspection of work done by the contractor, testing samples, performing quantity calculations in order to pay the contractor and recorded daily activity on site.

Engineering Intern, Rifenburg Construction Co., Brunswick, NY 2004-2005

Assisted a Project Engineer with writing and preparing bid packages, approximating take-off quantities and preparing information for a more accurate cost evaluation.

Structural Engineering Intern, Ryan-Biggs Assoc., Troy, NY 2002-2003

Interned under the supervision of a professionally licensed structural engineer, shadowing his every day activities, attending meetings, researching and studying jobs previously completed by the company.

Shift Manager/Certified Photo Technician, CVS Pharmacy, Wynantskill, NY 2001-2005

Responsibilities included supervision of store employees, coordinating customer service, running Kodak photo lab, reconciling cash accounts, creating schedules and general opening and closing of the store.

Apprentice, Arellano Construction Co. Inc., Averill Park, NY 1999-Present

Worked under the direction of the owner/operator learning the fundamentals of Construction Management. Took on more responsibility with time, including writing/preparing bid packages, invoices, approximating take-off quantities, assisting in the billing process and acting as a liaison between the field crew and office personnel.

TECHINICAL SKILLS

Microsoft Word, Excel, PowerPoint, AutoCAD, Mat lab, Primavera

ABDULLAH AZHARI

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Worcester, MA 01608

OBJECTIVE Entry-level Civil Engineer with opportunity to utilize strong Project Management skills.

EDUCATION

Bachelor of Science, Civil Engineering, Minor in Entrepreneurship, Anticipated Graduation May 2007

Worcester Polytechnic Institute, Worcester, MA GPA of 3.65 / 4

Relevant courses

Project Management, Engineering & Construction Information Systems, Contracts Law,, Architectural Engineering Systems, Materials of Construction, Design of Steel Structures, Design of Reinforced Concrete, Civil Engineering AutoCAD, Analytical Mechanics I & II, Organizational Behavior,, Entrepreneurial Selling, Planning & Launching New Ventures, Business Laws & Ethics, Theory of Interest, Financial Management, Financial Accounting

PROJECT WORK

Major Qualifying Project: Worcester Trial Courthouse, Worcester, MA Sep. 06 – March 07

Sponsor: Gilbane Inc.

Working with the Gilbane team to develop a close-out system that makes the close-out process organized and more efficient. The system will coordinate accountants, project managers, subcontractors and owners' roles in the process. Using Prolog, Primavera and other spreadsheet software to accomplish the project goals.

Junior Interdisciplinary Qualifying Project: London Science Museum, UK Jan.06 – April 06

Collaborated in a team of four students to develop exhibit extensions for the Museum. Designed, tested and modified extensions for three of the existing exhibits. Cooperated with the visitor research department and represented the museum by conducting interviews and observations and then analyzing the data to assess the effectiveness of the developed exhibit extensions.

WORK EXPERIENCE

Site Engineer and Laborer – Rumble Foundations – Toronto, Canada Summer 2006

Reviewed construction plans and shop drawings. Assisted site superintendent to locate pile, tieback, and caisson locations. Checked concrete schedule for tiebacks. Reviewed pile schedule, shoring schedule and site excavation. Performed labor duties: carpentering and shoring.

Assistant Project Manager – Pitco Constructions – Saudi Arabia Summers 04/05

Projects: Auditorium Building, Students Resident's Halls – KFUPM University

Coordinated the assignment of tasks to a group of five labor workers. Instructed workers on proper installment of finishing materials on walls and floors. Determined proper location of utility cables. Performed surveying activities for nine resident halls. Assisted in procurement of excavation contracts by reviewing bids.

Retail Sales Representative – 83 Bloor St. Store, Toronto, Canada Winter 2003

TECHNICAL SKILLS

Software: AutoCAD, Primavera, RISA-2D, Prolog, Timberline.

CE Skills: Surveying. Designing various types of concrete according to design specifications. Performing concrete quality testing. Steel design: connections, girders, columns.

Drafting: Floor plans, foundations, and steel structures.

LANGUAGES Fluent in English, Arabic and some Spanish

ACTIVITIES

- Member of Engineering Honor Society Tau Beta Pi. (2006)
- Member of Senior Board Committee. (2006)

- Member of Civil Engineering Honor Society Chi Epsilon. (Since 2005)

MICHAEL BELLACK

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education

2003-2007
Worcester Polytechnic Institute,
Worcester, MA
Bachelor of Science, Civil
Engineering (Focus in
Environmental Engineering):
designed a reservoir yield model to
calculate the possible yield for the
Wachusett Reservoir. (MQP)
CE 406X (Hazards & Industrial
Waste Management)
CE 3061 (Wastewater Treatment)
CE 3026 (AutoCAD)
CE 2020 (Surveying)

1991-2003
High School Diploma,
Hawthorne Valley School, Ghent
NY

work experience

Summer 2005
Paid Intern, JCJ Homes Inc.
West Boylston, MA
AutoCAD, site planning,
blueprint review, sewer and
drainage design, rainwater
runoff design, perc. testing

Summer 2004
Paid Intern, Greene County
Highway Department
Catskill, NY
road & bridge inspections and
reports, surveying

2001-Current
Website Designer,
website design and
maintenance for:
www.mbellack.com (Design
Portfolio)
www.fulopassociates.com
www.wechco.com
www.adonispress.org,

Winters 2000-2005
Ski sales person/Technician,
Windham Mountain Sports,
Windham, NY

2000-2003
Plumber's Assistant,
Let It Flow Inc.
Earlton, NY

skills

proficient in:
AutoCAD
ArcView (ArcMap)
Stella Modeling Software
Microsoft Office
simple HTML code
Photoshop
InDesign
Dreamweaver
Flash
Fireworks
Quick Books Pro
Mac OS X
all versions of Windows.

some computer repair
including troubleshooting
software and hardware
problems as well as
hardware installations.

construction as a
plumber
tile setter
and general laborer.

experience dealing with
people in a professional work
environment and being an
effective sales
representative.

PETER BELLINO

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College Address

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OBJECTIVE To be able to gain experience in the field of fire protection through a summer internship.

EDUCATION **Worcester Polytechnic Institute**, Worcester, MA
Bachelor of Science in Civil Engineering Anticipated Graduation May 2007

WORK EXPERIENCE

Summer **Algieri Construction Co.**
2005-2006 Carpenter/Laborer
Worked with contractor to frame houses and additions along with numerous finish work jobs

Summer **Crumpin-Fox Golf Course**, Bernardston, MA
2000-2004 Outside Staff
Assisted the golf professionals in ensuring a smooth and enjoyable experience for the clientele.

School **Worcester Polytechnic Institute**, Worcester, MA
2003-2004 Student Liaison to the WPI Residential Service
Answered questions students had concerning on-campus living. Assisted the office by completing various tasks.

Summer **Magnat Rolls Inc.**, Easthampton, MA
2003 Quality Control
Prepared the final product for shipment to customers. Cleaned the product, checked for and corrected any blemishes and packaged the item(s) for transport.

COMPUTER SKILL

- Microsoft Office
- Primavera

ACTIVITIES **WPI Rugby Club:** Fall 2003 – Fall 2006
Korean Student Association: 2006
Bowling - 2006

OTHER

IQP – investigated the feasibility of forming a regionalized dispatch center for Plymouth County

MQP – investigation into the causes of cracking of the timber/concrete floors at Gateway Park and the feasibility of a timber/concrete composite floor system. Plus, an investigation into the information exchange between the owners and the construction managers.

Backpacking – completed a 270 mile hike in VT, plus treks in Ireland and Scotland

Hockey – scholastically and recreationally played entire life.

ANDREW P. BISOL

CAMPUS

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PERMANENT

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abisol@gmail.com

OBJECTIVE To obtain a position within the Civil or Structural Engineering Field.

SUMMARY Civil Engineering Internship with Kesseli and Morse Company
Experience with Construction Companies and Contractors

EDUCATION Bachelor of Science in Civil Engineering, May 2007 (Expected)
Worcester Polytechnic Institute, Worcester, Massachusetts
GPA not calculated by the University

Courses taken include

Analytical Mechanics I and II	Design of Reinforced Concrete Structures
Fluid Mechanics	Environmental Engineering
Design of Steel Structures	Soil Mechanics
Structural Engineering	Hydrology

EXPERIENCE Intern, Summer 2006
Kesseli and Morse Company, Auburn, Massachusetts

- Internship in the Interior Finishes Department
- Helped prepare bids to be environmentally friendly and reduce cost
- Helped update software for a company-wide move to a computer-based

Counselor, Summers 2001 thru 2005
Bement Camp and Conference Center, Charlton, Massachusetts

- Worked as a camp counselor from Counselor-In-Training to Assistant Coordinator
- By my final summer was in charge of a staff of 15 counselors responsible for a single living unit

ACTIVITIES Vice President, WPI Social Committee, 2006
Member, American Society of Civil Engineers 2005 – Present
Member, Crimson Key Tour Guides, 2005 – Present

MATTHEW A. BRADLEY

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OBJECTIVE To obtain a full-time position following completion of my undergraduate studies in Civil and Environmental Engineering

EDUCATION

Bachelor of Science, Civil and Environmental Engineering, Worcester Polytechnic Institute (WPI)

Expected Date of Graduation May 2007

COURSEWORK Related Courses and Schedule Courses for Completion: Structural Engineering, Prestressed Concrete, Design of Reinforced Concrete Structures, Design of Steel Structures, Construction Project Management, Cost Estimating, Scheduling and Project Control, Hydraulics, Pavement Design and Analysis, Pavement Materials, Design and Management, Asphalt Technology, Analytical Mechanics I&II, Environmental Analysis, Fluid Mechanics, Soil Mechanics, Dynamics

PROJECTS

August 2006 to Senior Major Qualifying Project (MQP)

March 2007 I am working in a team of three students in order to complete the design and analysis of low cost manufactured homes. The goal of this project is to design homes for three different major natural disaster areas (earthquakes, hurricanes, and high wind blizzards). The homes would be designed for groups such as Habitat for Humanity to use in quick low-cost rebuilding. The project is focused on the structural design of the buildings and follows regional codes for California (earthquake), Florida (hurricanes), and Massachusetts (high wind blizzards).

May 2006 to Junior Interactive Qualifying Project (IQP)

August 2006 I worked with a partner to research transgenic animals. The goal of the project was to write a report discussing transgenic animals and issues surrounding them. The report also included: how transgenic animals are created, how they are classified, and the ethics of creating transgenic animals.

EXPERIENCE

August 2003 to WPI Athletic Training Room

Present Helped trainers with athlete rehabilitation, game and practice field setup, organization of training supplies and assisted trainers applying muscle stimulation and ultrasound.

Summers Desmond Landscape Contractors, Inc., Landscape Construction, North Andover, MA

2004 to 2006 Performed site and area grading for full site and patio run-off, drain and dry well construction, dry masonry (patios, walkways, granite steps), dry retention walls, concrete mixing for small footings and cobble stability, and irrigation.

COMPUTER SKILLS AutoCAD, MS Office, Primavera, Basic, Visual Basic, C++

ACTIVITIES

2004 to WPI Varsity Indoor and Outdoor Track and Field

Present All New England - 2006

ECAC Honors - 2006

NCAA National Decathlon Qualifier - 2006

2003 to WPI Varsity Football

2005

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OBJECTIVE To obtain a challenging engineering position

EDUCATION Worcester Polytechnic Institute, Worcester, MA
Bachelors of Science Civil and Environmental Engineering Degree
Expected Graduation: December 2007 GPA: 3.11

Related Coursework

Civil Engineering and Computer Fundamentals, Fundamentals of Civil Engineering AutoCAD, Project Management/ Cost Estimating, Urban and Environmental Planning, Structural Analysis and Design, Asphalt Technology

PROJECTS

Major Qualifying Project 2006-2007
This project presents recommendations for design and construction of a feasible wind turbine generated power plant in the town of Florida, MA. The project addresses such topics as: permitting, land acquisition, turbine foundation design and construction, wind turbine structural analysis, access road design and construction, substation design, power output to the national grid and environmental conservation issues.

Interdisciplinary Qualifying Project 2005-2006
This project assisted the West Boylston Water District in modernizing its maintenance and accounting procedures by creating a computerized geographic information system to maintain more accurate records and improve the efficiency of the water company in West Boylston, MA.

EXPERIENCE

Project Manager Intern 2006-Present
D.A. Collins Construction Mechanicville, NY

- Quantity Take-offs
- Site Analysis

Produce First Clerk and Front End Employee 2001-Present
Price Chopper Malta, NY

- Provide assistance to customers
- Stock Produce

SKILLS AutoCAD, MapInfo, Microsoft Word, Excel, Power Point, FrontPage, and Forefront

ACTIVITIES

WPI Varsity Football Team (Team captain 2006) 2003-Present
WPI Baseball Team 2004-2005
NCAA Student Athlete Leadership Committee 2005-Present
WPI Tour Guide 2003-Present

OCTAVIO M. CASAVANTES

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OBJECTIVE To obtain an entry-level position with a civil/environmental engineering firm

EDUCATION Worcester Polytechnic Institute, Worcester, MA
Bachelor of Science, Civil/Environmental Engineering,
Expected Date of Graduation 2007 GPA: 3.5

Related Coursework

Environmental Engineering	Hydraulics
Project Management	Legal Aspects of Design and Construction

SKILLS Foreign Language: Spanish (fluent)
Computer Skills: Primavera, AutoCAD, Microsoft Office

PROJECTS Project Management Term Project – September 2005
Integrated material covered in the course into comprehensive exercise-competition that simulated the bid proposal process. Activities such as planning a list of activities, work breakdown structure, and network diagram were executed. Use of a project management software package to determine scheduling and cost analysis was implemented as well.

Junior Interdisciplinary Qualifying Project (IQP) – March 2006
Hired by the Danish Association of the Blind, my project group traveled to Copenhagen, Denmark and worked for seven weeks in defining proper accessibility to the city's public transportation system for the visually disabled. Our primary data constituted assessing the needs and frustrations of the blind and interviewing public transit authorities.

EXPERIENCE

Summer 2006 San Diego Water Authority, San Diego, CA
Student Worker
Involved in preservation and archival of historical legal documents, processed preliminary plan reviews and other department documents, took part in field excursions to worksites with patrol inspectors and surveyors.

Summers 2004-05 Dekora Marble & Granite, San Diego, CA
Assistant Marble/Granite Fabricator
Acted as a consultant to clients with product-related decisions, was in charge of design drawings and templating, and worked with an installation team to install final products.

ACTIVITIES Jazz Workshop Club - Guitar Player 2003-Present
Odawara-Chula Vista (Japan/US) Youth Exchange Ambassador 2002-Summer
External Vice President for Society of Hispanic Professional Engineers 2005-Present
New England Water Environment Association -1st year member 2005-Present

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QUALIFICATIONS

Bachelor of Science Degree in Civil Engineering with professional experience in a consulting firm. Able to interface with all levels of an organization, to be motivated, to manage a project, and to complete the job at hand. Superior communication and interpersonal attributes, with emphasis on hard work.

EDUCATION

Worcester Polytechnic Institute, Worcester, MA
Bachelor of Science in Civil Engineering, Anticipated Date of Graduation 2007

RELATED COURSES

Analytical Mechanics I & II , Surveying , Structural Engineering , AutoCAD , Materials of Construction, Architectural Engineering Systems, Intro to Analysis & Design, Mechanics of Materials , Construction Project Management , Intro to Transportation Engineering , Soil Mechanics , Design of Steel Structures, Intro to Pavement Materials, Asphalt Technology

PROJECTS

Major Qualifying Project (MQP), Worcester, MA, Aug 06-Mar 07

This report is an in-depth look at the project management and the design aspects for the Hoosac Wind Project in western Massachusetts. The project includes major design elements and overall project management. The team designed culverts for tributary streams, structural towers, access roads, and the tower foundations.

Interactive Qualifying Project (IQP), Worcester, MA, Sep 05-Feb 06

This report is a statistical analysis of the new sports and recreation facility on the WPI campus. The project describes how to most efficiently use the space in the new facility.

JOB EXPERIENCE

Summer Intern, Fay, Spofford, and Thorndike, Burlington, MA, May 04-Aug 04, May 05-Aug 05, May 06-Aug 06

- Managed a lead service survey project in Norwood, MA.
- Reported findings directly to the town.
- Worked closely with the town engineer and town manager.
- Researched alternative sewer systems and wastewater treatment facilities
- Utilized GPS system to locate upland areas in the wetlands for new pipe construction
- Worked with AutoCAD drawing cut sections of a roadway
- Worked with GIS software locating the town's sewer and drain systems
- Inspected numerous manholes for cracked pipes and general flow in Taunton, MA
- Performed and successfully completed various site work activities

Landscape Architect Laborer, K & R Landscaping, Woburn, MA, Jun 01-Sep 01, Jun 02-Sep 02, Jun 03-Sep 03

- Planned and constructed bluestone patios
- Increases value of landscape by organizing new grass and shrubberies

Receiving Department, Kohl's Department Store, Burlington, MA, Jun 02-Sep 02

- Successfully worked in a team environment
- Unpacked 750 to 1000 piece trucks
- Sorted and organized the pieces by department
- Delivered the pieces to the floor
- Pro-actively loaded large items for customers

COMPUTER SKILLS

Microsoft Word, Microsoft Excel Spreadsheet, Microsoft PowerPoint, AutoCAD Software, GIS Software

JUSTIN P. DININO

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OBJECTIVE Entry-level Structural Engineer

EDUCATION

Worcester Polytechnic Institute, Worcester, MA
Master of Science, Structural Engineering May, 2008

Bachelor of Science, Civil & Environmental Engineering Anticipated Graduation May, 2007
Concentration in Structural Engineering and Project Management

Connecticut International Baccalaureate Academy, East Hartford, CT - June, 2003
International Baccalaureate Certificate for global perspectives education

PROJECTS

“Examining Non-Mechanized Construction: Materials on a Human Scale”: Master Thesis - Mar, 2009
Development of structural designs that can be assembled with no assistance from heavy machinery. Investigates low-mass / high-strength materials that are intended for use in low income construction.

Restoration of Fish Passage: Major Project - May, 2008

Examines the Manham Dam accompaniment to the Connecticut River for environmental as well as structural improvement possibilities. Designing a working fish ladder for the site that will be evaluated for implementation by the town as well as the US Army Corp of Engineers.

“Negotiating Secure Land Tenure Through Community Redevelopment: A case study from the Klong Toey Slum in Bangkok, Thailand”: Interdisciplinary Project - Jan-Mar, 2006

Collaborated with 3 other students to establish a redevelopment process by which slum communities can organize to resist eviction. Created a guidebook providing a 6-step process that any community could use and explained how to implement this process. Examined social, physical, and political issues. Adapted and applied the process to the specific needs of the Rim Klong Wat Sapan community in Bangkok, Thailand, which is currently struggling with the Thai government to secure their land. Selected for commendation by the International and Global Studies Department review board.

“Virtue Ethics: A Study of Alasdair MacIntyre”: Sufficiency Project - ar, 2005

Examined Alasdair MacIntyre’s adaptation of Aristotle’s works on ethics. Updated MacIntyre’s work to include the most current applications and ideals. Had to demonstrate cognitive thinking skills, artistic capabilities, and ethical questioning.

EXPIERENCE

Technician - Yankee Engineering, Worcester, MA - May-Nov, 2006

Gained extensive exposure to Project Management as well as the moral and opinions of the working crews.

Performed concrete testing and design, soils testing and design, and field inspection of materials including steel, concrete, and soils.

Financial Services Representative - Southbridge Savings Bank, Worcester, MA June-Dec, 2005

Handled teller transactions: opened and closed accounts, marketed products, e.g. loans, and maintained customer relations. Advanced within 3 months for contributing to team goals. Gained experience in problem assessment and marketing evaluation.

Sales Representative - Vector Marketing, Bloomfield, CT - June-Aug, 2004

Marketed culinary set on a referral basis after extensive sales training. Received 3 promotions within 2 months for exceptional sales technique and team contributions.

TECHNICAL SKILLS

Engineering tools: AutoCAD, FRAME, Primavera

Office: Microsoft Office Suite, Open Office

Field: Familiarity with a number of surveying tools and operations

LANGUAGES Spanish, Thai, Italian, and Mandarin Chinese

TIMOTHY DUNN

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Tddunn@wpi.edu

OBJECTIVE A full time position in the field of Civil Engineering focused on transportation and roadway design.

EDUCATION Worcester Polytechnic Institute, Worcester, MA
Bachelor of Science in Civil & Environmental Engineering
Expected Graduation Date May 2007
Statistics Minor GPA 3.39/4.0 In Major GPA 3.44/4.0

EXPERIENCE

HNTB Corporation, Tampa, FL Summer 2006

Intern

Performed maintenance contract work for the Tampa-Hillsborough County Cross-town Expressway. Experience with MicroStation, especially utility markups.

Federal Highway Administration, Montgomery, AL Summer 2005

Intern

Evaluated pavement data and performed a statistical review of the data. Presented project and findings to an audience at the U.S. Department of Transportation in Washington, D.C.

PROJECTS Senior Major Project, Worcester, MA Aug-March 2006-2007

“Heifer International Upgrades”

Member of a four-person team responsible for designing a new water distribution system and a new community center for the Rutland, MA. farm of Heifer International. (3 course equivalent)

Junior Interactive Project, Washington, D.C. Oct - Dec 2005

“Assessing Ride-On’s Access to Jobs Program”

Member of a three-person team that developed and implemented a survey and provided analysis and evaluation of the collected data to assess the success of Ride-On’s (Montgomery County, Maryland’s bus system) 1998 Access to Jobs program. (3 course equivalent)

ACTIVITIES Risk Manager, Theta Chi Fraternity (executive position), 2006-present
Member, Theta Chi Fraternity (includes community service), 2005-present
Member, Crimson Key (volunteer campus tour guides), 2005-present
WPI Varsity Men’s Swimming, (includes fundraising) 2003-present
WPI Club Water Polo, 2003-present

SKILLS Software: AutoCAD, Pro/DESKTOP, MicroStation
Applications: Microsoft Word, Excel, PowerPoint
Personal: Land Surveying

HISHAN FERNANDO

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Objective A challenging entry level position in Construction or Structural Engineering

Education Worcester Polytechnic Institute, Worcester, MA
Bachelor of Science in Civil and Environmental Engineering
Major G.P.A: 3.3 Expected Graduation: May 2007

Related Courses

Analytical Mechanics I, II	Surveying
Structural Engineering	Soil Mechanics
Introduction to Analysis and Design	Reinforced Concrete
Materials of Construction	Project Management
Cost Estimating and Project Control	Environmental Analysis
Hydrology	Steel Design

Skills **Computer:** Primavera, Auto Cad and Microsoft Office
Language: Fluent in English and Singhalese and a basic knowledge of Spanish

Projects **Major Qualifying Project:** August 2006- present
Evaluating restoration alternatives utilizing concrete, for a 19th century four story building. Conducting structural analyses and cost estimations for a feasible concrete interior design.

Related Experience

Research Assistant, Structural Laboratory, Civil Eng. Dept., WPI, Worcester MA, 07/2005-09/2005-

Assisted in the design and construction of an accelerated pavement patching system. Research involved designing a wheel load applicator, pavement patch construction, dynamic loading using the Instron testing machine, and data acquisition and analysis.

Research Assistant, Pavement Laboratory, Civil Eng. Dept., WPI, Worcester MA, 12/2004-04/2005

Monitored temperature of pavement slabs and managed the operation of a pressure testing machine, performed tests to determine the bulk specific gravity and theoretical maximum density of the pavement samples.

Work Experience

Orientation Leader/Peer Advisor, WPI, Worcester MA, 2006-2007

Providing new students with guidance and assistance needed during the transition to college life

Building and Audio-Video Manager, Campus Center, WPI, Worcester MA, 05/2004-present

Managing and operating the Campus Center. Responsible for equipment sign out and closing the building at the end of the shift. Operating Karaoke and DDR equipment for various campus events.

Achievements: National Dean's list Scholar 2004-2005
Active Campus Participation and Academic Excellence
First Place in Construction Economy and Third Place Overall-
2004 annual ASCE Steel Bridge Regional Competition

JOSE FRAGACHAN

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OBJECTIVE

Junior or entry- level Civil Engineer utilizing interest and experience in Structural Engineering.

EDUCATION

Worcester Polytechnic Institute, Worcester MA 2003-2007
Master of Science Structural Engineering. Expected Graduation May 2007
Related Course: Prestressed Concrete; Advanced Concrete Design, Design for Fire Conditions,
Constructed Facilities Seminar; Tall Building Design, Advanced Reinforced Concrete
Awarded Teacher assistantant.

Bachelor of Science, with distinction GPA: 3.80 May 2006
Related Course: Foundation Design; Structural Analysis; Steel Design; Reinforced Concrete; Design of
wood structures, Soil Mechanics

Merrimack College, North Andover MA 2003-2004
Universidad Católica Andrés Bello 2000-2003
Successfully studied Civil Engineering Curriculum.

ACADEMIC PROJECTS

Senior Major Qualifying Project (MQP) August 2005-March 2006
Researched the use of PZT Fibers in Civil Engineering Projects and their possible use towards health
monitoring in bridges. Performed laboratories experiments on scaled beam models with Piezoelectric
Sensors embedded in the concrete to monitor concrete cracks under dynamic loading. Used computer
software to analyze data obtained from experiments. Concluded that PZT Sensors can be used to monitor
bridge health due to decay in voltage output. Ultimately received Provost Award.

Junior Interactive Qualifying Project (IQP) August 2004-March 2005
Collaborating with partner, researched drinking water problems in Sudan and Egypt. Conducted an
analysis of possible solutions. Conclude that the scarcity of resources will not allow developing or
treating for healthier drinking water resources.

EXPERIENCE

Research Assistant, Worcester Polytechnic Institute, Worcester, MA. Summer 2006
Researched the use of fiber composites to retrofit beams and columns.

Structural Engineer Intern, Caro Enterprises, New York, NY Summer, 2005
Worked with the resident engineer: construction site digging, containment of adjacent structures,
excavation and preparation and excavation for foundation pouring. Supervised three workers.

Research Assistant, Worcester Polytechnic Institute, Worcester, MA. Summer, 2005
Research the use of piezoelectric fibers as sensors in reinforced concrete structures and other uses in civil
engineering. Concluded that at higher frequencies the higher output voltage could be obtained.

Structural Engineer Intern, Millennium Construction Company. Caracas, Venezuela. Summer 2002.
Working with the execution of: retaining walls, foundations, concrete pouring. Supported Resident
Engineer.

Engineer Trainee (Summer 2000). Learned how to read the structural plans, ultimately supervising the workers and assuring the amount of reinforced steel to be used on the beams. Determined the correct concrete mix by testing concrete for slump, and the collection of concrete cylinders for lab analysis. Supported resident engineer.

SKILLS

Microsoft Tools, Primavera, Mathcad, Matlab, Risa 3D, Adobe Acrobat, ANSYS 9.0, AutoCAD
Fluent In Spanish

AWARDS AND HONORS

President American Society of Civil Engineering Chapter (Merrimack College 2003-2004); First Place in Regional Steel Bridge Competition as a team member and president of the ASCE Chapter (Merrimack College).

LEADER AND TEAM ACTIVITIES

Club Sport Tennis, Certified Master Scuba Diver, Volunteer Math Tutor (Merrimack College), ASCE, International Student Council.

RODRIGO FRAGACHÁN
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OBJECTIVE

Entry level Civil Engineering with focus on Structural Engineering.

EDUCATION

Worcester Polytechnic Institute. Worcester, MA Anticipated Graduation May 2007
Bachelor of Science in Civil Engineering Concentration: Structures GPA 3.66

Pomfret School. Pomfret, CT.

June 2004

Related Courses

Steel Design, Wood Design, Structural Analysis and Design, Materials of Construction, Mechanics of Materials, Introduction to Finite Element Analysis, Analytical Mechanics (graduate level), Control Surveying, Fundamentals of Computer and Civil Engineering, Oscillations and Waves.

ACADEMIC PROJECTS

Major Qualifying Project: Design of an HDPE Guardrail. Milan, Italy (Oct-Dec. 2006)

Collaborated in the improvement of current guardrail designs through the use of innovative features that utilize HDPE as a primary building material. The design process included member sizing, improvement of post-rail connection, post-ground connection, prototype design sketches and meeting standards required by the Highway design guide. The prototype was build and tested quasi statically and dynamically in the laboratory facilities of Politecnico di Milano.

Interactive Qualifying Project: Strategic Planning for the Commonsides Community Development Trust. London, England (Summer 2006).

Collaborated in providing Commonsides information and tools that helped them understand the strategic planning process better. Designed online surveys, interviews and made observations on patterns. Collected data from key stakeholders to discuss and develop the organization's mission and vision. Identified strengths, weaknesses, opportunities and threats for Commonsides. In addition, evaluated current programs and recommended new ones. Finally, made suggestions for strengthening board-staff relationships and overcoming other functional and strategic issues.

See: www.wpi.edu/~rfraga18/Commonsidesfinal.pdf

EXPERIENCE

Peer Learning Assistant (2006): Worked as an assistant to the structural analysis professor by helping him grade daily homework.

Spanish Tutor (2003-2006): Spanish tutor at WPI and Pomfret School.

Strategic Planner and Member of the Board of Directors of Soñar Despierto (2002-2003), Caracas, Venezuela: Soñar Despierto is an international non governmental organization, founded and directed by teenagers, whose main concern is the childhood of the neediest in the country. Organized the children's day party coordinating the rental of equipment and managing the volunteers at the party.

PUBLIC SPEAKING

Public Speaking Award, Instituto Cumbres de Caracas (English Department) and Honorable Mention on Public Speaking.

LANGUAGES

Spanish (native), English (fluent), Italian.

TECHNICAL SKILLS

Auto CAD, Mastan, RISA 3D, Rivet, Ansys, Maple, Adobe Acrobat, Web Page Design, Microsoft Office, Computer Repair.

AMANDA GAGNE

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OBJECTIVE To gain practical experience in the field of Civil Engineering.

EDUCATION Worcester Polytechnic Institute Worcester, MA
Bachelor of Science degree, Civil Engineering
Expected date of Graduation- May 2007

Related Coursework

Environmental Engineering	Design of Reinforced Concrete Structures
Urban and Environmental Planning	Structural Engineering
Construction Project Management	Materials of Construction
Legal Aspects in Design and Construction	Surveying
Soil Mechanics/Fluid Mechanics	Thermodynamics
Hydrology	Asphalt Technology/Transportation Engineering

PROJECTS

Major Qualifying Project – WPI (3 course Equivalent) October 2006 – December 2006
Drop tower testing was performed on several High Density Polyethylene (HDPE) pipe and sphere combinations. This data was used to determine energy dissipation properties and then applied to the design of an energy attenuator.

Interdisciplinary Qualifying Project – WPI (3 course Equivalent) - January 2006 – February 2006
The objective of this project was to investigate and apply methods for mapping the energy use of buildings within the London borough of Merton. Difficulties encountered in data collection led to a revision of our project to include the drafting of sustainable information gathering mechanisms.

EXPERIENCE

2005 - Present Worcester Polytechnic Institute, Worcester, MA -Peer Learning Assistant

- Corrected homework and lab assignments for Analytical Mechanics I & II and Surveying.
- Assisted students in Surveying Lab with equipment and answered questions regarding lab procedure.

Summer 2006 Rizzo Associates, Inc., Framingham, MA -Intern

- Reviewed shop drawings for Lowe's Saugus, MA.
- Extracted data from National Bridge Index & New Hampshire Bridge Reports and entered into cost estimate spreadsheets.
- Designed reinforced concrete pedestals and spread footings to support Overhead Coverage Systems on military bases in Iraq. (Project in conjunction with U.S. Army Corps of Engineers and Perini)
- Using AutoCAD prepared As-Built drawings of a wastewater lagoon system in Mazer-E-Sharif, Afghanistan. (Project in conjunction with U.S. Army Corps of Engineers and Perini)

Summer 2005 Rizzo Associates, Inc, Framingham, MA -Intern

- Provided Project Engineers with AutoCAD support on several projects including:
 - o Storm water Management Plan, Waltham, MA
 - o Gravity Sewer System and Pump Station, Marlborough, MA
 - o Fairmount Commuter Rail for the Massachusetts Bay Transportation Authority
 - o Afghan National Army Base at Gardez and Mazer-E-Sharif, Afghanistan. (Project in conjunction with U.S. Army Corps of Engineers and Perini)
- Gained limited design experience.
- Assisted with archiving, maintaining and organizing project files.
- Clerical work
- Organized and distributed proposals, specifications, and design plans for prospective clients

SKILLS Autodesk Land Desktop 2005, Autodesk Land Enabled Map 2005, PCA Column, and Microsoft Office

TA KARRA L GREENE

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OBJECTIVE To obtain a full time position in the field of Civil Engineering

EDUCATION Worcester Polytechnic Institute, Worcester, MA
Bachelor of Science in Civil Engineering
Concentration in Construction Planning and Project Management/Structural
Anticipated Date of Graduation May 2007 Major GPA 3.45

Relevant Coursework

Design of Reinforced Concrete Structures	Surveying
Structural Engineering	Foundation Engineering
Design of Steel Structures	Architectural Engineering Systems
Prestressed Concrete	Matrix Analysis of Structures
Fundamentals of AutoCAD	Fluid & Soil Mechanics
Construction Project Management	Materials of Construction
Legal Aspects in Design & Construction	Cost Est., Scheduling, & Project Controls
Land Use Development and Controls	Control Surveying
Intro to Transportation Engineering	Intro to Thermodynamics

PROJECTS

Senior Major Qualifying Project (MQP): Fall 2006- Spring 2007

WPI Residence Hall: Pre-Construction Services for the New Residence Hall

Working in partnership with four other individuals in WPI's first MQP involving the pre-construction process for the planning, designing and building of a new residence hall for WPI students. Tasks will include tracking design development, cost-estimating, scheduling for schematic designs, and the integration of 3-D models in the estimating process. (3 Course Equivalent)

Junior Interactive Qualifying Project (IQP): Venice, Italy, Summer 2005

Residential Comfort Level: An Analysis of the Venetian Retail Sector

Team of four students who researched and documented the decline of basic necessity stores due to the increase of tourism. Tracked store history over the past 50 years by interviewing store owners as well as members of the community. Compared demographic data to basic necessity store history. Started initial analysis of the impact of tourism on the number of basic necessity stores in Venice using programs such as Map Info 7, Microsoft Access, Microsoft Excel, and PowerPoint. (3 Course Equivalent)

WORK EXPERIENCE

Morgan Construction Company Worcester, MA

October 2006- Present Part-time Civil Engineer

Responsible for checking all drawings created by the Civil Engineering Department for errors. Also involved in updating company standards involving civil engineering design.

Mass Highway Palmer, Monson, Ware, and West Brookfield, MA

May 2006-August 2006 Civil Engineering Intern

Worked on site supervising road construction projects. Responsibilities included: Review of Contract Documents, Plans and Specifications; Inspection of work done by the Contractor; Testing Samples and Enforcing of Material Submittal Requirements; Taking check measurements, Performing Quantity Calculations in order to pay contractor; Recording of Daily Activity on site; Completing Estimates

COMPUTER SKILLS

AutoCAD, Cadra, Revit, Primavera, Frame, MapInfo, Microsoft Office

MICHAEL S. HANSEN

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OBJECTIVE To obtain a professional position using engineering skills in a business environment.

EDUCATION Worcester Polytechnic Institute, Worcester, MA
Bachelor of Science in Civil Engineering
Expected Graduation date May 2007

PROJECTS

Major Qualifying Project (MQP) – 3 Course Equivalent (Current)

The structural design and cost estimation of a new upperclassman housing unit for WPI students. Using land, which WPI owns, my team and I are developing the structural plans for a green engineering housing project. The cost estimation will be done according to the 16 CSI sections for building code.

Junior Interdisciplinary Qualifying Project (IQP) – 3 Course Equivalent
Stock Market Simulation

A collaboration of stock market trading techniques comparing investing methods using imaginary money over a ten week trading period.

RELATED COURSES

Civil Engineering Fundamentals, Dynamic Systems, Static Systems, Analytical Mechanics I & II, Intro. to Analysis and Design, Design of Wood Structures, Design of Reinforced Concrete, Construction Project Management, Fundamentals of Civil Engineering AutoCAD, Urban Planning, Environmental Engineering

WORK EXPERIENCE

Building Materials Distribution 2006 Boise Cascade Westfield, MA

Worked to prepare individual sales orders of building materials consisting of roofing, siding, decking, and engineered wood products. Engineered wood products consisted of power beams, I Joists, and other plywood materials. I was also responsible for the packaging and handling of the products using forklifts.

Performance Testing 2005 Cytec Surface Specialties Springfield, MA
Internship

Worked in a lab as a member of an adhesives performance testing team. I ran multiple screenings on different products to determine adhesive strength as well as other properties. Recorded and analyzed data using excel and presented findings to lab managers and sales representatives.

Landscaping 2004 Cornerstone Property Maintenance Westfield, MA

Worked as a landscaper, primarily removing trees. Other jobs included landscaping designs and lawn maintenance. Also worked on roofing jobs for home owners.

EXTRACURRICULAR ACTIVITIES

- Member of Sigma Phi Epsilon Fraternity 2003-current
- Varsity Football at WPI- 2003-Current Defensive Back
- Member of AGC (Association of General Contractors) @ WPI
- Indoor Track at WPI- 2004
- Regional Science Fair- 2000 and 2002
- State Science Fair Participant at MIT- 2002
- National Honor Society 2002-2003

COMPUTER SKILLS

Microsoft Excel, Microsoft Word, AutoCAD 2005

COURTNEY HARDY

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OBJECTIVE To obtain a entry level position in environmental engineering

EDUCATION Worcester Polytechnic Institute, Worcester, MA
Anticipated Graduation May, 2007
Major: Civil Engineering Concentration: Environmental Engineering

Civil Engineering Coursework

Statics I, II, III , Structural Engineering, Wastewater Treatment, Fluid Mechanics, Surveying, Environmental Engineering Laboratory, Fundamentals of Auto CAD, Intro to Transportation Engineering, Environmental Engineering, Hydrology, Project Management, Water Treatment

PROJECTS

Major qualifying project

Water quality assessment and determination of possible solutions in Elm Park Pond for the Worcester Park Commission

Interactive Qualifying Project

Safety assessment of the inflatable amusement ride industry for the Consumer Product Safety Commission

EXPERIENCE

Rizzo Associates, Inc., Framingham, MA

Intern - Summer of 2006

- Created base maps, including existing utilities and proposed pipe alignment using AutoCAD
- Assisted with observation well measurements for model calibration
- Conducted research and assisted in preparation of Draft Environmental Impact Report for South

Weymouth Naval Air Station Development project

- Supported design engineers by developing design plans and construction documents for water and sewer projects
- Conducted a field investigation for preparation of permit documents for Westwood Station Redevelopment project

SEA Consultants Inc., Rocky Hill, CT

Intern – Summer and Winter of 2005

- Created and modified plans using AutoCAD
- Assisted in the designing of roads using Land Development
- Assed in preparation of bid packages
- Assisted in oversight of soil borings and survey

RELEVANT SKILLS AutoCAD 2001, 14, 2005; Microsoft Office; Windows 98/2000/XP

INTERESTS Swimming, Horseback Riding, Ballroom Dancing

MEHMET F. HERGUNSEL

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OBJECTIVE Entry level position in Civil Engineering with a focus on Construction Project Management

EDUCATION Worcester Polytechnic Institute, Worcester, MA
Bachelor of Science in Civil Engineering, Expected May 2007 GPA: 3.85

RELEVANT COURSES

Construction Project Management	AutoCAD	Analytical Mechanics
Legal Aspects in Design and Const.	Structural Eng	Analysis and Design
Architectural Engineering Systems	Steel Design	Reinforced Concrete
Materials of Construction	Soil Mechanics	Transportation Eng.
Urban and Environmental	Planning/Surveying	Environmental Analysis

RELATED EXPERIENCE

Major Qualifying Project in Worcester, MA (September 2006 – Present)

Working with Consigli Construction Co. Inc. as a member of a two person team on the Gateway Park Redevelopment Project. Main objective is to follow the progress of the construction and perform project management activities on the building of a new Bioengineering Center at WPI. Capstone Design will investigate cracks in the Gateway Park floors to understand how composite structures act by carrying out various experiments (3 course equivalent).

Planning for Istanbul's Earthquakes and Urban Renewal (Summer 2005 – March 2006)

Led an interdisciplinary team of four project partners to determine the best urban planning that would reduce the impact of a predicted 7.6 magnitude earthquake and a tsunami, to provide safety, preserve history, and to form an adequate infrastructure in Istanbul. Interviewed civil engineers in Istanbul, surveyed civilians of the city and conducted research using data obtained from Istanbul's literature and the web. Made weekly presentations and documented findings (3 course equivalent).

Global Independent Project (Summer 2004)

As part of a six course sequence, studied the architecture of Istanbul and Cappadocia. Researched, toured, videotaped relevant historical sites. Examined the diversity of architectural formations and the harmonious relations with their surroundings.

ASCE Steel Bridge Design Team (2003-05) & Manager of Concrete Canoe Team (2005-06)

Strengthened teamwork skills and gained hands-on engineering experience by working on the design and construction of a steel bridge and a concrete canoe. Won First Place in Construction Economy and Third Place overall in the 2004 regional steel bridge competition.

WORK HISTORY

Summer Internship, Research Assistant at WPI (Summer 2006)

Researched, designed, constructed and tested asphalt as a patching material on concrete block at extreme temperatures while applying ideal truck tire loading.

Chris' Famous Pizza, Manager, Methuen, MA (2001- Present)

Trained and managed employees, handled inventory, sales and financing, solved customer disputes in order to provide customer satisfaction, implemented marketing and advertising campaign, and established extensive vendor relations.

ACTIVITIES AND HONORS

Vice President of the Associated General Contractors of America (2006-Present)

2006 Howe-Walker Award (from Boston Society of Civil Engineers Section)

President of American Society of Civil Engineers (2005-06) Vice-President (2004-05)

Member of Chi Epsilon & Tau Beta Pi (Engineering Honor Societies) (2005-Present)

CHRISTINE KECHES

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OBJECTIVE A full-time position in Civil Engineering, preferably in Transportation.

EDUCATION Bachelor of Science, Civil Engineering Anticipated Graduation June 2007
Worcester Polytechnic Institute, Worcester, MA

Related course work

Traffic & Highway Engineering, Urban & Environmental Planning, Pavement Analysis & Design, Soil Mechanics, AutoCAD, Environmental Engineering, Hydrology, Design of Reinforced Concrete, Design of Steel Structure, Structural Engineering, Civil Engineering & Computer Fundamentals, Intro to Analysis & Design, Analytical Mechanics I & II

ACADEMIC PROJECTS

Interdisciplinary Qualifying Project; Bicycle Parking in Copenhagen, Denmark
Collaborated with team of three to find solution to excess bicycle parking at train stations in Copenhagen. We researched current uses and trends of cyclists, and created an organized system for bicycle parking. We ultimately made a recommendation to the Danish Cyclist Federation.

Major Qualifying Project; Reducing Greenhouse Gas Emissions in Asphalt, Worcester
Collaborating with a team of two to research the effects of Sasobit Wax when mixed with asphalt. We will be testing heated asphalt for Carbon Dioxide and Hydrocarbon emissions, as well as viscosity and durability.

EXPERIENCE

MS Transportation Systems, Inc, Framingham, MA May 2006-present
Intern; assisted with projects, worked in AutoCAD, completed traffic counts, intersection inventory, traffic analysis, report writing, and roadway design

Hale Reservation; Westwood, MA Summers 2000-2005
Supervisor; responsible for up to 25 staff members while teaching seven swim classes each day, and responsible for the safety of the swimmers
Water Safety Instructor; taught seven Red Cross swim classes each day

TECHNICAL SKILLS

AutoCAD, Synchro, HCS, Visio, Office Applications; Excel, Word, Outlook

Organizations

Phi Sigma Sigma Sorority Fall 2003-present
Panhellenic Delegate; responsible for serving on both Panhellenic Counsel and Phi Sigma Sigma's executive board
Alumni Chair; responsible for alumni correspondence, sending biannual newsletters, and planning all homecoming events
Recruitment Counselor; served as a mentor for freshman women going through formal recruitment
Rho Lambda, Panhellenic Honor Society Spring 2006-present
Treasurer
Women's Industry Network (WIN) Fall 2005-present
Society of Women Engineers (SWE) Fall 2004-present

KATHERINE KELLY

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OBJECTIVE An job in the field of Civil Engineering.

EDUCATION Worcester Polytechnic Institute (WPI), Worcester, MA
Bachelor of Science in Civil Engineering, Anticipated Graduation May 2007.

PROJECT

Senior Major Qualifying Project (MQP), HDPE Guardrail Design Aug-Dec 2006
Working with three other students to develop and test a new guardrail design using HDPE as the primary material. Sled crash testing will be conducted at the Laboratorio sulla Sicurezza dei Trasporti in Milan, Italy. Aim to develop size recommendations, assess success of design goals and determine next steps for a research/development plan. (3 course equivalent)

Junior Interactive Qualifying Project (IQP), Oct 2005- Mar 2006
Promotion of Hospice and Homecare in Thailand: A Framework for the Assessment of Costs and Benefits
Worked with the Mahavachiralongkorn Cancer Center and two other students to promote hospice and homecare services to hospitals in Thailand and to the Ministry of Public Health. Developed a Thai specific Patient Quality of Life Survey and a comprehensive palliative care packet for distribution. Awarded special commendations for project work. (3 course equivalent)

Construction Project Management Term Project Aug-Oct 2005
Worked with two students on the simulation of the bidding process for a library. Chose contractors, created a schedule using Primavera, completed required bid paperwork and submitted a final bid price for the project.

Transportation Engineering Term Project Aug-Oct 2005
Worked on a team of five on the study of local intersection. Completed a 24-hour automatic volume count, 2-hour turning-movement count, partial signal warrant analysis, Level-of-service operations analyses and assessment of possible intersection improvements.

Design of Reinforced Concrete Structures Term Project Oct-Dec 2005
Worked in a team of two to design a three-story concrete building. Designed slabs, beams, girders, columns and footings specific to the Boston area using Canadian Codes and ANSI/ASCE standards. Analyzed wind and Earthquake loads.

WORK EXPERIENCE

Civil Engineering Internship, Dewberry-Goodkind, NY, NY Summer 2006
Worked with the buildings department. Updated and created CAD drawings, assisted in field work, created reports, assisted in organizing a vault study of approximately 150 houses, corrected proposals and specifications, and maintained file integrity and organization.

Civil Engineering Internship, Darmstadt, Germany Summer 2005
Shadowed faculty of the geotechnical department at Technische Universität Darmstadt, Germany. Discussed laboratory experiments and local construction site work in German.

Highlands Country Club, Garrison, NY –Lifeguard, instructor Summer 2004
Companion Animal Hospital, Fishkill, NY –Kennel assistant Summer 2003
Nice Care, Cold Spring, NY –Childcare provider 2000-2004

SKILLS

Language Skills Computer Skills: AutoCAD 2004; Primavera 2004; ANSYS; PETRA
German- Completed minor and study abroad program (Summer 2005).

CHERYL KOCSIS

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EDUCATION

Worcester Polytechnic Institute, Worcester, MA

B.S., Civil and Environmental Engineering, 08/2004 – present, Expected Graduation: May, 2007

Focus in Environmental Engineering and Project Management, GPA: 3.7

RELEVANT COURSES

Experimental Biology I, Environmental Engineering, Surveying, Chemistry I – III, Urban & Environ. Planning, Analytical Mechanics I & II, Matrices & Linear Algebra, Water Treatment, Intro to Analysis and Design, Calculus & Differential Equations, Fluid Mechanics, Physics I, Environmental Analysis, Philosophy & the Environ, Project Management, Intro. to Biomacromolecules

PROJECTS

Sufficiency (Humanities Project), Expected Completion: Summer 2006

- Researching sustainable development
- Investigating whether or not capitalism is sustainable and if there are alternatives

Interactive Qualifying Project (Social Science Project), Expected Completion: May 2006

- Travel to Namibia, Africa
- Assist local communities in solving social problems
- Potential projects may deal with water quality management, wildlife conservation, and heating/cooling systems

EMPLOYMENT

Department of Environmental Protection, Division of Watershed Management, Worcester, MA
Engineering Aide I, 05/2005-08/2005

- Collected water, invertebrate, and phytoplankton samples from rivers, brooks, and lakes
- Tested color and turbidity and performed chlorophyll filtration
- Coded and entered data from Toxicity Reports into a database
- Created a database for Quality Assurance Project Plans (QAPPs)
- Confirmed consistency of sampling site locations on GIS software
- Transported water and fish samples to main laboratory
- Composed e-mailing list of town officials to be contacted regarding meetings about Total Maximum Daily Loads (TMDLs) in community's watershed

Target, Milford, MA

Cashier and Guest Services, 04/2004 – 08/2004

- Served as front lane guest service representative for guests making purchases and returns
Team Service Center Operator, 12/2004 – 01/2005
- Responded to guests' phone calls regarding general questions, merchandise inquiries, and complaints
- Managed payroll and employee communications

SKILLS

- ArcView (beginner)
- Primavera (beginner)
- DOS Database Entry (intermediate)
- Microsoft Word (proficient)
- Microsoft Excel (proficient)
- Microsoft PowerPoint (proficient)

HEATHER LAHART

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OBJECTIVE Full-time job in the field of Civil Engineering.

EDUCATION Worcester Polytechnic Institute, Worcester, MA
Bachelor of Science in Major 1: Civil Engineering, Major 2: Mathematics
Expected Graduation: May 2007

PROJECTS

Senior Major Qualifying Project (MQP) – 3 course equivalent
Project Integration Methodology & Factors

This project involved the development of project integration factors, monitor the effects of these factors on different projects, and developing a system to incorporate factors of integration and measure a project's level of integration. Research involving project integration, construction management, and schedule & cost control was used.

Junior Interactive Qualifying Project (IQP) – 3 course equivalent

Speed Model & Injury Preventive Methods for Terrain Parks at Ski Resorts

A speed model used to provide an estimated safe speed for terrain park jumps was developed using GPS technologies, surveying methods, mathematical modeling, and field related research. Education, active on-hill activities, and jump building theory were some ways to prevent Terrain Park related injuries.

EXPERIENCE

6/2006 – 9/2006

Heifer International, Rutland, MA – Autocad Drafter & Project Coordinator

Draw plans in AutoCad for current structures on-site and future structures based on buildings from various cultures worldwide. Organized plans and other materials into a booklet to be used as a guide to building Global Villages at Heifer International sponsored projects across the US.

8/2006 – Present

Ski Market, Inc., Shrewsbury, MA – Apparel Manager

Organize floor plan for apparel, stock clothing, and manage all clothing related issues in store.

12/03 – Present

Wachusett Mt., Princeton, MA – Freestyle Coach

Coach kids from the ages of 6-18 in the sport of Freestyle Skiing on the weekends at Wachusett Ski Mt. and at competitions across the East Coast.

11/05 – 7/2006

Best Buy, Inc., Worcester, MA – Home Theatre Sales Associate

Sell Home Theatre items and accessories to customers

9/04 – 4/05

New England Design & Associates, Worcester, MA – Assistant Project Manager

Assist Project Manager, Concrete Take-offs, Call for Subcontractors, Request for Bids, Transmittals, Assist in bookkeeping for bidding process of multiple projects, Office organization

8/03 – 7/04

United States Navy, Great Lakes, IL – Enlisted Recruit

Was enlisted to have a job as a Nuclear Engineer. Discharged honorably on 6/29/2004.

DAVID C. LARAMEE

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Residential Address

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OBJECTIVE To attain a challenging position in the field of civil engineering

EDUCATION Worcester Polytechnic Institute, Worcester, MA
Bachelor of Science, Civil Engineering, Anticipated Date of Graduation May, 2007

WPI PROJECTS

Structural Design And Fire Safety

Major Qualifying Project September 2006- Present (On Going)

Project goal is to develop alternative plans and functionality for the Alumni Gymnasium. The scope of the project will involve detail redesigning of the existing steel frame and upgrade the building and fire safety codes. Budget analysis for the project will be determined.

WPI Fire Protection

Junior Interdisciplinary Qualifying Project September 2005 – April 2006

Team of three researched the safety of firefighter by on-site interviews, inspections, and observation of local firefighters. Areas examined include staffing levels, and required training. Researched included optimal number of staffing and training required. Research sent to local towns for review.

Concrete Canoe

Civil Engineering Department Project March 2006-May 2006

Team designed and tested concrete mix variations. Final concrete mix was placed in canoe model; reinforcements were added for increased strength. Canoe will be placed in competed against other colleges and placed in a few events.

ACTIVITIES

- Phi Kappa Theta Fraternity House Manager – responsibilities include supervision of all house improvement projects, maintaining desirable and safe conditions for the houses –December 2004
- WPI Varsity Wrestling Team - October 2003- Present

HONORS

- The National Dean's List – 2006 and 2007
- Nominated to the International Scholar laureate Program Delegation on Engineering (China summer of 2007) – Academic honor for excellence in engineering.

RELEVANT COURSES

Structural Engineering, Design of Steel Structures, Design of Reinforced Concrete, Construction Materials, Surveying, Fire Building Safety (Graduate Course), Geology, Intro into Environmental Engineering, Intro into Fire Protection Engineering, Intro into Transportation Engineering, Thermodynamics, Fluid Mechanics, Construction Project Management

COMPUTER SKILLS

Microsoft Office CAD, RISA-2D, HCS 2000, PRIMAVERA 5.0

WORK EXPERIENCE

WPI Public Safety Sept. 2003 – May 2005

Patrol athletic facilities and provide front desk security.

Curtis Farm Tractor and Tree Service Summers 2001-2006

Worked as a landscaper, from cutting down trees to putting in lawns. Also developed an understanding of how to work around heavy equipment. (Obtain My Class A Drivers Permit)

AMY A LEBLANC

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508-587-6891

College Address

WPI Box 427
100 Institute Road
Worcester, MA 01609
857-205-1737

OBJECTIVE

Entry-level Civil Engineer, with a focus in Civil Site Design

EDUCATION

Worcester Polytechnic Institute, Worcester, MA

Bachelor of Science in Civil Engineering; GPA 3.65/4.0 Expected Graduation Date May 2007

Related Courses

Hydraulics, Hydrology, Land Use Development and Controls, Environmental Engineering, Green Engineering, Urban & Environmental Planning, Soil Mechanics, Asphalt Technology, Pavement Design and Analysis: Highways and Airports, Pavement Material Characteristics, Intro to Transportation Engineering, AutoCAD, Surveying

ACADEMIC PROJECTS

Major Qualifying Project, Aug. 2006-Present

Reducing the Emissions of Greenhouse Gases from Asphalt Mixes

Researching the relationship between reducing the compaction temperature needed for asphalt mixes and carbon dioxide, carbon monoxide and hydrocarbon emissions. Analyzing chemical components of asphalt mixes needed to decrease greenhouse gas emissions while retaining the quality of conventional Hot Mix Asphalt.

Interactive Qualifying Project; Sponsor: Asian Disaster Preparedness Center, Oct. 2005-Mar. 2006

Assessing the Vulnerability of Post-Disaster Housing Expansion; Bangkok, Thailand

Assessed the vulnerability created by replacement housing expansions in two coastal villages affected by the 2004 tsunami through interviews and focus groups. Identified ways to mitigate the vulnerabilities through disaster resilient construction techniques and education. Created a disaster resilient construction fact sheet to be distributed in the two coastal villages to improve problems with common natural hazards. Recommended ways to reduce current vulnerabilities and improve future relief efforts.

WORK EXPERIENCE

Summer Intern, Hancock Associates, Marlborough, MA May 2006-Aug. 2006

Analyzed Subdivision Rules & Regulations and Zoning Bylaws. Researched feasibility of implementing Smart Growth Overlay Districts. Developed and drafted Concept Plans with AutoCAD. Aided site utilities and grading design. Assisted in drainage calculations using HydroCAD. Rendered AutoCAD drawings using Photoshop Elements.

Summer Intern, Mass Electric Construction Company, Brighton, MA May 2005-Aug. 2005

Assisted Transit Estimating Department in calculating materials for potential Transit and Transit Security projects. Developed spreadsheets and organized data to complete final estimates. Visited working transit job sites. Created Change Orders for working Transit jobs.

TECHNICAL SKILLS

Applications: Microsoft Office; AutoCAD; Land Development Desktop/Civil 3D; HydroCAD.

ACTIVITIES

Student Government Association: Elected Senator (Sept. 2003-Dec. 2005); Committee on Student Life Issues, Chair (Jan. 2005-Dec. 2005); Parliamentarian (Mar. 2006-Present)

Phi Sigma Sigma Sorority: Assistant Treasurer (Feb. 2004-Feb. 2005); Treasurer (Feb. 2005-Feb. 2006); President (Feb. 2006-Present)

WPI Cheerleading Club (Dec. 2003-Oct. 2005)

Women's Industry Network (Aug. 2004-present)

DANIEL P. MAHONEY

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Troy, NY 12180
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OBJECTIVE Entry-level Civil Engineer with a focus in Construction Project Management

EDUCATION Worcester Polytechnic Institute, Worcester, MA
Anticipated Date of Graduation May, 2007
Bachelor of Science in Civil Engineering

RELEVANT COURSES

Construction Project Management, Urban and Environmental Planning, Fundamentals Of Engineering
AutoCAD, Control Surveying

PROJECTS

Major Qualifying Project (MQP)

WPI Gateway Park Construction Project August 2006-Present

Participating in team of three students that is monitoring the construction management process of the co-owners of Gateway Park. Creation of an alternative design for one section of the main building utilizing a steel structure and the existing masonry work. Includes the design of member layout and load analysis as well as design of concrete floor slabs.

Interdisciplinary Qualifying Project (IQP) Aug 2005-May 2006

“A Sustainable Accounting and Maintenance Management System for the Infrastructure of the West
Boylston Water District”

Cooperated on Team of three students to collect and consolidate information pertaining to the West
Boylston Water District infrastructure into a user-friendly database utilizing MS Access and MapInfo.
The water company can now access infrastructure information more easily with the databases created.

COMUTOR SKILLS

AutoCAD; Revit; Primevara; MS Access; MS Excel; MS Word

WORK EXPERIENCE

Construction Worker Marchese Irrigation, Harwich, MA Summer 2006
Installed and constructed Irrigation systems

Clubhouse Attendant Troy Country Club, Troy, NY Summer 2005

Packager/Distributor NYS Dept. of Education, Albany, NY 12/03-12/01
Test Distribution Unit (Breaks and summer)
Packager and distributor of standardized test for New York State high schools

AWARD

National Scholars Honor Society Member

ACTIVITIES	WPI Varsity Baseball	2003-Present
	NCAA Leadership Development Committee	9/05 – 4/06
	WPI Fall Baseball Club	2003 – 2005
	WPI Fall Baseball Club Vice President	2005

ELIZABETH A. MARCKS

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(781) 749-1595

School Address

100 Institute Road
WPI Box 2313
Worcester, MA 01609
cell: (781) 724-1649

OBJECTIVE Entry-level Structural Engineer.

EDUCATION Worcester Polytechnic Institute, Worcester, MA
Bachelor of Science in Civil Engineering, minor in Spanish (Expected 2007)

PROJECTS

Major Qualifying Project August 2006-present
Team of two WPI students structurally redesigning the historic Worcester State Hospital
Designs are being completed in steel, reinforced concrete, and wood to create a modern office space

Interactive Qualifying Project, Hong Kong October 2005 – March 2006
Team of four WPI students whom evaluated the Associate and Higher Degree programs in Hong Kong, providing them with ideas and methods for improvement

Universidad Bilingue, Cuernavaca, Mexico Summer 2004
Enrolled in intensive Spanish courses

WORK EXPERIENCE

Vanderweil Engineers, Boston, MA May-August 2006
Summer Intern position
Updated construction drawings for Transmission and Distribution Dept, using Microstation and AutoCAD
Compiled construction issues for professional engineers who were designing transmission lines
Utilized GIS system to map power lines throughout New England and New York
Obtained field experience and knowledge of field equipment

Tufts Professor seeking Doctorate, Dorchester, MA January 2005
Built plastic models for use in a confidential research study

WPI Math Meet, Worcester, MA October 2004-2005
Helped to coordinate the annual high school math meet

Lincoln Rowing Center, Hingham, MA Summers 2004-2005
Assistant coach to rowers of all levels

Lincoln Sailing Center, Hingham, MA Summers 2000 to 2004
Senior Sailing Instructor responsible for planning and supervising sailing classes at all levels in charge of boat maintenance, curriculum, and the safety of all students

COMPUTER SKILLS

GIS Software, Microstation, AutoCAD, Primavera, Microsoft Word, Microsoft Excel.

DENISE MARSH

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OBJECTIVE An entry-level position in the field of Civil/ Environmental Engineering.

EDUCATION

Worcester Polytechnic Institute, Worcester, MA Bachelor of Science, Civil/ Environmental Engineering - Anticipated Date of Graduation May, 2007

RELATED COURSEWORK

Environmental Engineering & Laboratory, Hydraulics, Waste Water Treatment, Hydrology, Surveying, Water Treatment, Legal Aspects in Design & Construction, Construction & Project Management, Materials of Construction, Structural Engineering

ACADEMIC PROJECTS

Senior Major Qualifying Project (MQP) - 3 course equivalent
Phosphorus Loading in Quaboag Pond

This project involves sampling water at various points in the Quaboag Pond watershed to determine the major source of phosphorus. After determined, a Best Management Practice will be designed for the Town of Spencer, MA to help limit the phosphorus input to the pond.

Junior Interdisciplinary Qualifying Project (IQP) - 3 course equivalent
Partnerships Implementing Engineering Education

Creation, implementation, and evaluation of lesson plans to introduce first grade students in two separate classes to the general concepts of engineering.

EXPERIENCE Working full- and part-time throughout college.

2004-present UMass Memorial Healthcare, Worcester, MA - Housekeeper

2002 WPI Alumni Relations, Worcester, MA – Office Assistant

2002-2004 Friendly's Ice Cream, Webster, MA – Waitress

ACTIVITIES ASCE, WPI chapter

DANIEL D. MARTEL

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603-801-0537

College Address

WPI Box 1794
100 Institute Road
Worcester, MA 01609

OBJECTIVE To obtain a full-time civil engineering position

EDUCATION

Worcester Polytechnic Institute, Worcester, MA
Bachelor's of Science in Civil Engineering, Structural Concentration
Graduated with Distinction May 2006 3.43 Cumulative GPA

Master's of Science in Civil Engineering, Structural Concentration
Expected Graduation May 2007 3.67 Cumulative GPA
Graduate Research: Studying Pavement Heat Flow using Climate Simulation and
Statistical Regression Analysis.

Major Qualifying Project, Worcester, MA September 2005 - March 2006

- Conducted a complete structural design of a concrete office building in Worcester, MA.
- Performed the structural analysis of numerous design schemes to determine the most effective and efficient structural layout.

Interactive Qualifying Project, Copenhagen, Denmark March - May 2005

- Wrote academic programs that prepared students at the Engineering College of Copenhagen to become entrepreneurs.

COMPUTER SKILLS

AutoCAD 2004/5, Synchro 6, MATLAB, STAAD Pro, RISA 2D Frame, Microsoft Office.
Work

EXPERIENCE

TEC, Inc., Lawrence, MA May 2006 - Present

Engineering Technician

- Prepare all aspects of Traffic Impact and Access Studies for project permitting.
- Perform various tasks in site development, roadway design, structural analysis and design, cost estimating and construction supervision.
- Assisted in the design of Central Artery / Tunnel temporary supports for repairs and in situ testing of bolt and hanger systems.
- Communicate directly with clients, subcontractors, and city and state government regularly.

GZA GeoEnvironmental, Inc., Manchester, NH May - August 2005

Engineering Technician

- Performed field operations for the Geotechnical, Environmental and Hydro-Geotechnical departments.
- Supervised pile driving, drilling and asbestos removal subcontracted sites.
- Regular tasks included well and soil sampling, laboratory soil testing and weir construction.

Worcester Polytechnic Institute, Worcester, MA

- Senior Orientation Leader March - September 2006
- Orientation Leader / Peer Advisor 2004 - 2005

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Ben J. Mies
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Signal Mountain, TN 37377
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Objective:

to obtain an entry level position as a civil engineer

Education

Worcester Polytechnic Institute - Worcester, MA May, 2007
Bachelor of Science in Mechanical Engineering
Bachelor of Science in Civil Engineering
The Baylor School – Chattanooga, TN June, 2003

Relevant Courses

Calculus, Linear Algebra, Differential Eqns. Physics and Molecularity, Finite Element Analysis, Kinematics, Dynamics, Stress Analysis, Principles of Electrical Engineering, Materials Processing, Thermodynamics, Heat Transfer, Fluid Mechanics, Transportation Engineering, Structural Engineering, Steel Structures, Soil Mechanics, Surveying, Materials of Construction, Reinforced Concrete, Geology, Advanced Computer Aided Design, Architectural Engineering Systems, Automotive Materials

Academic Projects

SAE Mini Baja - Major Qualifying Project (ME) – design and fabrication of an off- 8/2006-present
highway vehicle for competition against 140 other collegiate teams
Structural Design and Fire - Major Qualifying Project (CE) – structural re-design of 8/2006-present
an on campus gymnasium for use as classroom and office space
Mining on the Colorado Plateau - Interactive Qualifying Project –an examination of 8/2006
how mining has altered the landscape, inhabitants, and environment of the Plateau
The Wilderness Condition – Sufficiency – a study of the societal need for the 5/2005
availability of wilderness areas and their current condition

Experience

Worcester Polytechnic Institute, Campus Center Building Manager (MA) 1/2006-present
-Primary supervisor of the building after normal working hours
-Assisting students, faculty, and visitors with information, equipment, facilities, and emergencies; opening and securing the building at closing
BEC Development, General Assistant to Contractor and Developer (TN) 6/2005-8/2005
-Maintaining the property and structures during construction and assisting construction
-Assisting with woodwork, concrete forming, landscaping, cleaning, and operating heavy machinery
Perry Mills Excavating (TN)
-Operated heavy equipment (backhoe, dump truck, bulldozer, chainsaw) 5/2005-6/2005
-Cleared property prior to construction and poured foundations
Cliff Fite Land Surveying (TN) 5/2004-7/2004
-Worked in a team surveying property and pinning foundations through extensive use of surveying equipment and AutoCAD
Walden Ridge Utility District, Field Employee and Water Plant Operator (TN)
-Maintaining the town water system; Installing new water mains, service lines, and fire 6/1999-8/2003
hydrants; running the water pumping and treatment facility; operation of heavy equipment 7/2004-1/2005
(backhoe, dump truck, jack hammer, large air compressor, water plant)

Skills

Pro/Engineer, MathCAD, Excel, LabVIEW, ANSYS, AutoCAD, surveying equipment, group management and leadership, welding, machining, fabrication, heavy equipment, CPR and AED certified

Hobbies

automotive technology, motorsports, fabrication, mountain biking, art, outdoors, traveling, exercising

HALA MOKBEL

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OBJECTIVE A full-time teaching position in civil engineering

EDUCATION

Worcester Polytechnic Institute
PhD Degree in Construction Project Management, Sept 2004-
Projected graduation (May 2007)

Worcester Polytechnic Institute, Worcester, MA
Master's of Science in Construction Project Management, Jan 2003

Cairo University, Faculty of Engineering, Cairo, Egypt
Professional Diploma in Construction Management, July 1993

Cairo University, Faculty of Engineering, Cairo, Egypt
Bachelor's of Science in Civil Engineering, July 1990

Related Coursework

CE 580 Advanced Project Management
CE 501 Professional Practice
CE 535 Integration of Design and Construction
CE 581 Real Estate Development
CE 585 Computer Integration Methodologies in Civil Engineering
CE 584 Advanced Cost Estimating Procedures
CE 590 Building buildings
CE 592 Constructed Facilities Seminar.
IS Assessing the capabilities of the Building Information Model (BIM)
OB 503 Organizational behavior
MA 531 Organizational Change

PROFESSIONAL EXPERIENCE

Teaching Assistant,
Worcester Polytechnic Institute (WPI) Worcester, MA, 2002-NOW for the following courses:
Worked as a teaching assistant for the following courses:
CE 1030 - Civil Engineering and Computer Fundamentals
CE 2001- Analytical Mechanics II
CE 3010 - Structural Engineering
CE 3020 - Project Management
CE 3021- COST Estimating, Scheduling and project Control
CE3022 - Legal Aspects in Design and Construction
CE3023 - Architectural Engineering System

Adjunct Instructor, Worcester Polytechnic Institute (WPI), Spring 2005 for the following course:
CE 582 - Engineering and Construction Information Systems

Research Assistant, Worcester Polytechnic Institute (WPI)

Completed a two phase study of the Building Information Model (BIM) of the Worcester Trial Court, a new 427,000 sq.ft, \$180 million, six-level courtroom complex. The study was conducted at WPI and sponsored by Gilbane Building Company and Autodesk.

- Responsible for coordinating and monitoring of activities and efforts of a research group including graduate and undergraduate students

Senior Structural Engineer, Integrated Consultations Company, Cairo, Egypt, 1995 – 2000

Structural Engineer, Integrated Consultations Company

Cairo, Egypt, 1990 – 1995

AWARDS

- Institute Fellowship for first year PhD student, Worcester Polytechnic Institute, 2004-2005.
- Second Place, Graduate students category at the ASEE New England Regional Conference Student Poster Competition, Worcester Polytechnic Institute, March 2006.

PUBLICATIONS

- Hala Mokbel and Mohamed Aboulezz 2006, Use of the Building Information Model in the Civil and Environmental Engineering Education at WPI, 2nd place winner in the student poster competition at the ASEE Regional Conference at WPI, March 17-18, 2006
- G. Salazar, H. Mokbel, M. Aboulezz and, W. Kearney 2006, The use of the Building Information Model in construction logistics and progress tracking in the Worcester Trial Courthouse, in the proceedings of the Joint International Conference on Computing and Decision Making in Civil and Building Engineering, Montreal, Canada, June 14-16, 2006.
- Mokbel, H. & Salazar, G., Assessing the Parametric Building Model Capabilities in Minimizing Change Orders., published in the Proceedings of the Design & Nature 2004, Rhodes, Greece, June 26– 28, 2004.
- Mokbel, H. N. 2003. Assessing the Parametric Building Model Capabilities in Minimizing Change Orders. (M. S. Thesis, Worcester Polytechnic Institute, 2003)

PRESENTATIONS

- Mokbel, H. (2006), “ A formal model for measuring IT-based Design and Construction Integration (ITDCI), Worcester Polytechnic institute graduate research achievement day, Grad 2006.
- Salazar, G., Almeida, J., Mokbel, H. (2004), “Use of 3D Parametric Building Model in Civil and Environmental Engineering Undergraduate Education at WPI”, Poster Presentation at the American Society for Engineering Education 2004 Annual Conference and Exposition Proceedings, Salt Lake City, UT.

COMPUTER SKILLS

Design/Construction related packages: PRIMAVERA project planner, AutoDesk Revit®, AutoCAD, Timberline® Precision.

ACTIVITIES

- Member of the Design Build Institute of America (DBIA) since 2001
- Treasurer of DBIA Student Chapter at WPI, 2004 – 2006

KRISTINA R. NIGRO

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Bristol, CT 06010

OBJECTIVE	To obtain a full-time position in project management
EDUCATION	Bachelor of Science, Civil and Environmental Engineering, Worcester Polytechnic Institute (WPI) Anticipated Date of Graduation May 2007
COURSEWORK	Related Courses and Schedule Courses for Completion: Structural Engineering, Design of Reinforced Concrete Structures, Design of Steel Structures, Analysis and Design, Surveying, Materials of Construction, Urban and Environmental Planning, Construction Project Management, Cost Estimating, Scheduling and Project Control, Analytical Mechanics I&II, Fluid Mechanics, Soil Mechanics, Dynamics
PROJECTS	
August 2006 to March 2007	Senior Major Qualifying Project (MQP) I am working in a team of three students in order to complete the design and analysis of low cost manufactured homes. The goal of this project is to design homes for three different major natural disaster areas (earthquakes, hurricanes, and high wind blizzards). The homes would be designed for organizations such as Habitat for Humanity to use in quick low-cost rebuilding. The project is focused on the structural design and follows codes for California (earthquake), Florida (hurricanes), and Massachusetts (high wind blizzards), as well as HUD code which mandates manufactured homes.
March 2006 to May 2006	Junior Interactive Qualifying Project (IQP) I worked in a group of three students for the Boston Redevelopment Authority (BRA) to develop a database to better track the current tenants and their usage of the Marine Industrial Park. The goal of the project was to create utilities that would help maximize their efficiency and verify compliance with their licensing requirements regarding the waterfront industrial park. The report also included: suggestions to the BRA regarding local developments outside the park, and possible options for their spaces that have become obsolete to the new-age manufacturing.
EXPERIENCE	
May 2006 to August 2006	Woods Electric, Co. LLC, Assistant Project Manager/Estimator Farmington, CT Assisted the Project Managers by attending job meetings and weekly site inspections. Assisted the Estimators with the preparation of bids by completing take-off quantities. Created job documents and layouts with MS Office and AutoCAD.
Summers 2001 to Present	Neil Nigro Builders and Remodeling, Laborer, Bristol, CT Prepared documents for future jobs including proposals and contracts. Assisted carpenter with job site set up, take down, and daily work.
May 2005 to August 2005	C.H. Nickerson General Contractors, Assistant Project Engineer, Torrington, CT Assisted the Project Manager/Engineer with day to day activities including: scheduling, purchasing, and project productivity reports. Prepared sub-contractor meeting minutes and organized submittal data received by vendors and sub-contractors.
COMPUTER SKILLS	AutoCAD, MS Office, Primavera, Expedition

SEAN O'KEEFE

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OBJECTIVE Entry-level Civil Engineer with a focus in Construction Project Management.

EDUCATION

Worcester Polytechnic Institute, Worcester, MA 5/2007
Bachelor of Science, Civil Engineering (Current GPA: 3.56, Major GPA: 3.64)

Relevant Coursework

Construction Project Management; Legal Aspects in Design and Construction; Materials of Construction; Analytical Mechanics; Urban & Environmental Engineering; Engineering & Construction Management Information Systems; Cost Estimating, Scheduling, and Cost Control; Transportation Engineering

PROJECTS

Senior Major Qualifying Project (MQP) 8/2006-3/2007
One of three students working in collaboration with Consigli Construction and Gilbane Building Company to monitor the progress in Worcester's Gateway Park redevelopment project. Tracking the redevelopment using programs such as Primavera Project Planner along with designing a new structural frame (utilizing Autodesk Revit) to serve as an alternative to the existing wooden frame.

Junior Interactive Qualifying Project (IQP), London, England 3/2006-5/2006
Worked in a team of four and designed two interactive learning modules that provide a link between the U.K. classroom and the Tower of London without requiring the students to visit the Tower. Designed modules consisting of Flash programs combined with handouts and incorporated material science concepts derived from the U.K. National Curriculum. Ultimately, the modules were placed on the Royal Armories website for all U.K. students and teachers to access.

COMPUTER SKILLS

Windows 98, Windows XP, Microsoft Word, Works, Excel, Power Point, AutoCAD, Autodesk Revit, Primavera, Adobe Photoshop, Ecometry

WORK EXPERIENCE

EBay Account manager, Fright Catalog - Worcester, MA 9/2006-present
Maintain accounts by uploading new items and preparing sold items for shipment.

Construction Management Intern, Modern Continental Construction Co. - Boston, MA 4/2004-8/2006
Assisted in closing out projects by preparing drawings and operation & maintenance manuals for submittal.

Office Assistant, WPI Registrar's Office - Worcester, MA 7/2003-3/2006
Answered student questions and entered student information into databases.

PROFESSIONAL SOCIETIES

American Society of Civil Engineers (ASCE), 2004-present
Design Build Institute of America (DBIA), 2004-present
Associated General Contractors of America (AGC), 2006-present
Chi Epsilon (Nation Civil Engineering Honor Society), Inducted 12/2005

ACTIVITIES

Brother of the Alpha Tau Omega Fraternity, Gamma Sigma chapter

- Worthy Historian, 12/2005 - present
- House Steward 12/2004 - 11/2005
- Performed at least 40 hours of community service each year

MICHAEL A PIERCE JR.

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College Address

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OBJECTIVE To take part in the WPI Civil Engineering resume book

EDUCATION Worcester Polytechnic Institute, Worcester, MA
Bachelor of Science, Civil Engineering, concentration in Structural
Minor in Spanish Anticipated Graduation: May 2007

St. Mary's High School, Worcester, MA
Graduated: May 2003, 3rd in class

WORK EXPERIENCE

Field Technician June 2003-Present
Yankee Engineering and Testing (Worcester, MA)
Concrete and Soil inspection on commercial and residential property.

Laboratory Technician June 2000-Present
Yankee Engineering and Testing (Worcester, MA)
Analyzing soils and concrete specimens from the field.

Major Qualifying Project (Worcester, MA) Sep 06- May 07
Package Industries
Gable frame analysis and reduction
Used AutoCAD, Frame and Strudel

Interactive Qualifying Project Jan-Feb 2006
Civic Exchange (Hong Kong, China)
Researched possible land developments
Worked with governmental officials as well as local community

Sufficiency May-June 2006
Center for Modern Languages (Granada, Spain)
Studied Spanish language and culture

ACTIVITIES

- Brother in The Fraternity of Phi Gamma Delta.
Currently Pledge Educator, have held Presidency and House manager.
- WPI ice hockey team. Currently Vice President
- Cadet Colonel in the United States Air Force ROTC;
- Currently Wing Commander.
- Have held Physical fitness, Drill and Ceremonies, MWR/PW, and Deputy Flight Commander
- Roller hockey team
- Intramurals in football and softball.
- Big Brothers' volunteer in local community

ASHLEY KAY POGLESE

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OBJECTIVE

A full-time position in Civil or Environmental Engineering with a focus in water quality control and industrial waste treatment or site remediation.

EDUCATION

Bachelor of Science in Civil Engineering
Concentration in Environmental Engineering
Worcester Polytechnic Institute, Worcester, MA Anticipated Graduation August 2007

RELATED COURSES

Hazardous & Industrial Waste Management	Environmental Policy & Law
Wastewater Treatment	Environmental Engineering Laboratory
Water Treatment	Urban & Environmental Planning
Public Health Engineering	Hydrology

PROJECTS

Senior Major Qualifying Project (MQP) Sept. 2006 – Feb.2007
Team of two students that worked in conjunction with the City of Worcester Department of Public Works and Parks, assessing water quality issues and improvement methods for Elm Park Pond. Laboratory analysis included bathometric study, pH, alkalinity, nitrates, phosphorus, biochemical oxygen demand, total and fecal coliforms, turbidity, and total suspended solids. Results were compared against Massachusetts Class C water quality standards. Recommendations included controlling total suspended solids through storm water management and vegetation maintenance. In addition, two methods were subjected for detouring geese migration through Elm Park. This prevented fecal coliform increases during fall and spring seasons.

COMPUTER SKILLS

Proficient In: Microsoft Word, Excel, Power Point, SMADA (hydrology program)
Familiar With: ArcView and Auto CAD

WORK EXPERIENCE

Tortilla Sam's
Worcester, MA Aug. 2002 - Current
Trained in all positions; assistant manager, waitress (working 40 hours per week).
In addition to serving customers, job entails training and assisting fellow co-workers.

O'Connor's Restaurant & Bar
Worcester, MA April 2006-Aug. 2006
Served beverages and meals in friendly professional manner.
Often elected to entertain wedding parties, business meetings, and other formal gatherings.

ACTIVITIES

Northern Michigan University Rugby Club	2004 -2005
Worcester Polytechnic Institute Rugby Club	2002 – 2003

SEAN QUINLIVAN
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OBJECTIVE

Obtain a challenging full-time engineering position.

EXPERIENCE

City of Worcester, Worcester, Ma: September 2006 - present

Jr. Engineer

Roadway design with CAD. Field surveying. Official letter preparation. Construction plan review. Contacting engineering firms and contractors regarding changes to plans.

White Mountain Cable Company, Epsom, NH; April 2005 - September 06

Safety Officer & Quality Control Technician

Assist in supervising fiber optic projects for new Verizon FTTP. Review daily construction logs for ongoing projects. Prepare asbuilts for cost allocation and billing purposes. Coordinate field activities with safety rules and regulations along with quality control to ensure proper installation. Hands on experience with asphalt restoration and open trench excavation for underground utilities.

Economy Lawn Sprinkler, Auburn, Ma July 2004 - November 2004

Irrigation Installer

Performed installation of underground sprinklers.

AJ Antico, Malborough, MA March 2004 – July 2004

Service Technician / Irrigation Installer

Performed installation of underground sprinkler systems. Went on service calls including troubleshooting and additional installation. Interacted with customers, answered questions and gave information regarding the service provided.

Pirani Electric Worcester MA; December 2004 – March 2004

CAD Designer

Prepared CAD files. Involved in cost estimates and job takeoffs. Responsible for light fixture preassembly and delivery. Exposure to large-scale jobs, time constraints, budgeting, and accounting.

.EDUCATION

Worcester Polytechnic Institute Anticipated graduation January 2007

Currently seeking Bachelor of Science in Civil Engineering with an anticipated graduation date of May, 2007

Saint John's High School September 1995- May 1999

Was a member of the National Honor Society. Competed on the varsity basketball team

COMPUTER SKILLS

Maple, Excel, Word, Access, AutoCAD, Trussz, Solve5, Frame, Virtual, CAD key, Internet ability, and various UNIX applications

ERIN E. RINGER

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OBJECTIVE To obtain an entry level position in the field of environmental engineering.

EDUCATION M. S. in Environmental Engineering (anticipated) May 2007
Worcester Polytechnic Institute, Worcester, MA
B. S. in Civil and Environmental Engineering May 2006
Worcester Polytechnic Institute, Worcester, MA (GPA 3.6, Minor in Ecology)

PROJECT WORK

M. S. Thesis, June 2006 – May 2007

- Evaluating sodium hypochlorite and ultrasound for synergistic disinfection of E.coli
- Analyzing synergistic treatment for control of disinfection by-products to meet more stringent standards as set by the Long Term 2 Enhanced Surface Water Treatment Rule and State 2 Disinfectants and Disinfection By-Products Rule

Senior Major Qualifying Project (MQP), Turks and Caicos Islands, Oct – March, 2006

- Forecasted a 200% increase in tourist and permanent resident population by the year 2015
- Calculated the corresponding wet sludge volume to be over 2000 cubic feet per day
- Designed a centralized sludge treatment facility for short and long term demands with AutoCAD
- Recommended specific regulations for wastewater treatment facility operation, maintenance and effluent quality

Junior Interactive Qualifying Project (IQP), Copenhagen, Denmark, March – May 2006

- Designed entrepreneurship curricula for the Engineering College of Copenhagen with emphasis on marketing and product development of engineering designs

EXPERIENCE

Teaching Assistantship (WPI), Worcester, MA August 2006 – May 2007

- Prepared experimental materials for and facilitated laboratory activities for 10 to 15 students
- Evaluated student performance and maintained grade records for 60 students
- Provided 24/7 assistance to students on homework, laboratory and project assignments

Research Experience for Undergraduates (WPI), Worcester, MA June 2005 – August 2005

- Initiated a study of the influences of watershed land use on receiving water quality at 8 sample sites in the Wachusett Reservoir watershed by performing physical, chemical and microbiological analyses of water samples
- Completed a detailed report of experimental procedures and preliminary results

Surveying Internship, BSC Group, Worcester, MA May 2004 – May 2005

- Served as rodman and operator of total station and theodolite
- Surveyed for a variety of projects including: UMASS Steamline Project, apartment complex construction (Ware, MA) and Worcester State College dormitory construction

HONORS

Rho Lambda, Panhellenic Leadership Society (Inducted 2005)
Chi Epsilon, Civil Engineering Honor Society (Inducted 2005)

LINDSEY ROBERTS

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781-223-4940

Residential Address

70 Trefton Drive
Braintree, MA 02184
781-843-1413

OBJECTIVE To obtain a full-time entry level position in the field of Civil & Environmental Engineering

EDUCATION Worcester Polytechnic Institute, Worcester, MA
Bachelor of Science, Civil & Environmental Engineering
Expected Graduation Date: May 2007 GPA: 3.2

RELATED COURSE WORK

Environmental Analysis, Hydrology, Environmental Eng. Laboratory, Water Treatment, Wastewater Treatment (Oct.-Dec. '06), Surveying (March-May '07)

PROJECTS

Major Qualifying Project (MQP): Blackstone Canal Redevelopment September-March 2006-2007

- Working with team members toward the goal of reconstructing the Blackstone Canal in downtown Worcester
- The project will include assessment of storm water, potential environmental impacts, as well as the design of the canal

Interactive Qualifying Project (IQP): Green Transportation in Worcester January-March 2006

- Made policy recommendations to the City of Worcester on ways to reduce greenhouse gas emissions caused by transportation

RELATED EXPERIENCE

Brown and Caldwell, Middleboro, MA Intern May-August 2006

- Acquired skills and knowledge in the environmental engineering disciplines of municipal solid waste and wastewater treatment
- Practiced basic applications of AutoCAD drafting
- Took part in Construction Quality Assurance inspection for the Taunton Sanitary Landfill Cell 5B project (Taunton, MA)
- Collaborated with engineers to complete environmental monitoring reports, bid documents, and the Taunton Sanitary Landfill 'Authorization to Operate' report

WORK EXPERIENCE

Career Development Center (CDC), WPI, Worcester, MA August-May 2003-Present

- Office Assistant, Peer Advisor
- Assist with upcoming events
- Provide guidance to undecided first-year students
- Present information to students about the CDC and the Major Selection Program

CVS Pharmacy, Weymouth, MA Pharmacy Technician Summers 2003, 2004 March 2006-Present

- Fill prescriptions, cashier, and answer telephones

New England Aquarium, Boston, MA Penguin Colony Intern May-August 2005

- Took part in daily cleaning of the penguin exhibit
- Took part in regular feedings for each species of penguin

SKILLS MS Office 2003 (Excel, PowerPoint, Word), AutoCAD (basic)

JOEL R ROUSSEAU

bassman@wpi.edu

College Address

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61 Eleanor Road
Pittsfield, MA 01201
Home: 413-443-9448

OBJECTIVE To obtain a position in the field of Civil Engineering with a focus in construction management

EDUCATION

Worcester Polytechnic Institute. Worcester, MA. Class of 2007
Major in Civil Engineering G.P.A. 3.1
Concentration in construction management and structural engineering

Related Courses:

structural engineering, autocad, architectural engineering, surveying, project management, legal aspects of construction, introduction to transportation engineering, soil mechanics, asphalt technologies, wood structure design, materials of construction, geology, fluid mechanics, electrical engineering, physics, chemistry, dynamics, calculus, statistics, linear algebra and differential equations.

PROJECTS **MQP:** The planning and design of a wind power plant farm in Florida, MA. Work includes the structural design of the power plant foundation, roads, operation and maintenance building, and necessary retaining walls. The project also included management and budgeting of construction activities.

IQP: Surveyed and analyzed the impact of a new athletic facility at WPI. Presented findings to advisor

EXPERIENCE

White Engineering, surveyor and Auto-Cad technician, summer 2005
Lifeguard Pittsfield YMCA, 2002 – 2005
Lifeguard Berkshire Community College, summer 2001

COMPUTER **Operating systems:** UNIX, Windows

SKILLS **Misc. Packages:** Auto-Cad, Eagle Point, Primavera, Microsoft word, excel, project.

CERTIFICATION CPR, Red Cross Life Guard

ACTIVITIES Zeta Psi Fraternity

WPI swimming and diving, (captain 2005-2007)

Competed in U.S. Open at Purdue University, December 2006

WPI Water Polo

AWARDS NCAA Division III National Championships (100 butterfly: 3rd place)

Three time All American Athlete (100 butterfly twice, 100 backstroke once),

WPI recognition: freshman male athlete of the Year, sophomore male athlete of the Year

JAMES V. SCULLY, JR.

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Watertown, MA 02474
Phone: 617-538-6173
Jay.Scully@gmail.com

OBJECTIVE

A position of responsibility in the field of Civil Engineering with a focus on Structural Engineering.

EDUCATION

Worcester Polytechnic Institute, Worcester, MA
Bachelor of Science in Civil Engineering, Anticipated Date of Graduation May 2007
Overall GPA: 3.64 Major GPA: 3.86

PROJECTS

Major Qualifying Project (MQP)

Part of a team of three civil engineering students whose goal is to design a new residence hall. Green technologies will be incorporated into the design to increase water efficiency, optimize energy efficiency, and increase thermal efficiency. Also, during the design of the residence hall, the Worcester Zoning Codes and Massachusetts Building Codes will be taken into account.

Interactive Qualifying Project (IQP)

Surveyed Worcester High School juniors on career aspirations and compared male and female interests. Used statistical software, SPSS, to determine the significance of male to female ratios of career interests.

Relevant Coursework

Structural Design	Steel Design	Materials of Construction
Reinforced Concrete	Soil Mechanics	Project Management
Surveying	Fluid Mechanics	Finite Element Method

EXPERIENCE

Raytheon Company, Integrated Defense Systems, Summer Intern 2004-2006

- Worked as a member of a multi-disciplined integrated product development team designing large radar antenna structures
- Developed a working knowledge of Pro/Engineer Wildfire 2
- Created concept designs for principal level engineers
- Computed engineering estimates of deflection, stress, and weight for lifting fixtures
- Interacted with suppliers for product information and quotes
- Achieved Six Sigma Specialist certification

ACTIVITIES

Vice-President of Chi Epsilon (Civil Engineering Honor Society)
Member of Tau Beta Pi (Engineering Honor Society)
Member of ASCE student chapter
Steel Bridge Competition Coordinator

COMPUTER SKILLS

Pro/Engineer, AutoCAD, ANSYS, SPSS

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OBJECTIVE

To obtain an entry level Civil Engineering in the field of Construction Project Management.

EDUCATION

Worcester Polytechnic Institute, Worcester, MA Candidate, 02/2007
Bachelors of Science in Civil and Environmental Engineering

RELATED COURSES

Construction Project Management; Building Cost Estimating, Scheduling, and Project Control; Structural Engineering; Architectural Engineering Systems Design; Legal Aspects in Design and Construction; Land Use Development and Control.

ACADEMIC PROJECTS

Presented Intermediate Qualifying Project (IQP), Baltimore, MD 02/11/2005
Studied Comparative Modernization between Western Europe and Middle East, also determined Briggs-Myers learning types to identify learning style differences among students and to tailor the introductory sociology class to their learning styles.

Major Qualifying Project (MQP) 08/2005-03/2006
Carried out basic structural calculations, created a comprehensive cost estimate and construction schedule and created CAD drawings for a new educational building on campus. Worked with two other group members to create an overall building design.

WORK EXPERIENCE

Honey Farms, Inc., Worcester, MA 07/2006-08/2006
Sales Associate

Spec Engineering, Burlington, MA 05/2005-08/2005
Assistant Construction Project Manager

- Responsible for document control
- Communicated with bidders and vendors
- Worked primarily on industrial manufacturing facilities worth up to \$24 million
- Responsible for assembling and sending bid packages

Pizzeria Regina, Marlboro, MA 07/2004-09/2004
Cashier

Getty Mart, Bellingham, MA 06/2003-08/2003
Cashier

Lutheran Church of the Cross, St. Petersburg, FL 09/2001-07/2002
Maintenance Engineer

- Cleaned 6-9 classrooms and offices per day
- Repaired and maintained buildings

A Passion for Food, Inc., St. Petersburg, FL 03/2001-11/2001
Caterer

- Responsible for serving food on site
- Cooked and prepared food
- Cleaned kitchen and on site facilities

SOFTWARE EXPERIENCE Microsoft Office, Microsoft Outlook, AutoCAD, Revit, Primavera.

TRAVIS R. SMITH

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Fonda, NY 12068
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OBJECTIVE To obtain a full time position related to Construction Project Management.

EDUCATION Worcester Polytechnic Institute, Worcester, MA
Bachelor of Science in Civil Engineering
Expected Graduation: May 2007

RELATED COURSEWORK

Analytical Mechanics, Construction Project Management, Fluid Mechanics, Design of Prestressed Concrete Structures, Design of Steel Structures, Legal Aspects in Design & Construction, Surveying, Intro. to Transportation Engineering, Urban and Environmental Planning, Design of Reinforced Concrete Structures, Materials of Construction, Fundamentals of CE AutoCAD

COMPUTER SKILLS

Primavera, AutoCAD, Revit, MapInfo, RISA-2D, Frame, MSOffice

PROJECTS

Major Qualifying Project, August 2006-Present

This project focuses on the construction aspects of the WPI Gateway Park in Worcester, MA. This includes the monitoring and analysis of the scheduling, cost estimating, and coordination of the building process. The project also evaluates an alternative structural steel design for an existing portion of the building and compares it to the actual construction methods used.

Interdisciplinary Qualifying Project, 2005-2006

This project assisted the West Boylston Water District in modernizing its maintenance and accounting procedures by creating a computerized geographic information system to maintain more accurate records and improve the efficiency of the water company in West Boylston, MA.

EXPERIENCE

4 Seasons Construction, Fonda, NY, Summer 2005-2006

Carpenter

Performed remodeling and construction of residential homes.

David Carpenter Contracting and Remodeling, Fonda, NY, Summer 2004

Carpenter

Advantage Builders, Amsterdam, NY, Summer 2003

Carpenter

ACTIVITIES

WPI Varsity Football, 2003-2004

WPI Varsity Wrestling, 2003-2006

PAMELA SPRINGER

285 Grissom Road
Manchester, CT 06042
pspring@wpi.edu
(860) 874-3693

OBJECTIVE Entry Level Civil Engineering position, preferably in Structural Engineering.

EDUCATION

Worcester Polytechnic Institute, Worcester, MA

Bachelor of Science, Civil Engineering, Anticipated Graduation Date May 2007

Relevant Courses

Structural Engineering, Steel Design, Reinforced Concrete Design, Pre-stressed Concrete Design, AutoCAD, Materials of Construction and Surveying.

ACADEMIC PROJECTS

Senior Major Qualifying Project (MQP) Aug. 06-Present – Developed a project scope for structural analysis of the Worcester State Hospital and researching the possibilities of its renovation.

Junior Interactive Qualifying Project (IQP) Aug. 05-Nov. 05 – Examined Nuclear Proliferation in the context of the United Nations Non-Proliferation Treaty. Worked in a team of three to develop a nuclear threat assessment model aimed for government use.

WORK EXPERIENCE

Engineering Intern, Town of S. Windsor Engineering Department, S. Windsor, CT May 05-Aug. 06

- Assisted Project Engineer in Surveying and sewer mark outs.
- Attended inspections with the Chief Building Inspector
- Designed unique foot bridge for local Boy Scout project on walking trails.
- Attended Pre-Construction meetings
- Set up and operated the GPS for the town's Stormwater Management Plan.
- Produced GIS maps for various public works projects.
- Designed and produced the towns 2006 street map

Secretary and File Transfer Project Worker, Dr. London M.D., South Windsor, CT Summer 04

- Prepared medical charts and scheduled appointments
- Helped organize and execute a large file transfer project

Customer Service Representative, Journal Inquirer, Manchester, CT Feb. 03-July 04

- Handled all subscription services and operated the main switchboard
- Trained new employees on switchboard and Bos N Nova computer system.

AWARDS AND ACTIVITIES

American Society of Civil Engineers

Member since 2004

Student Alumni Society

September 2004 – May 2005

National Honor Society

2001-2003

SKILLS

Software: AutoCAD, Microsoft Office Excel, Risa 2D, Trimble Global Positioning Systems, Certified Online Training in ESRI Geographic Information Systems.

KATHRYN STRUMOLO

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Phone: (401) 749-1967

Email: kstrum03@wpi.edu

OJECTIVE

Full time position in Civil Engineering that will allow me to gain professional experience.

EDUCATION

Worcester Polytechnic Institute, Worcester, MA

Bachelor of Science, Civil Engineering, Anticipated Graduation May, 2007

Masters Degree, Fire Protection Engineering, Anticipated Graduation May, 2009

Relevant Undergraduate Courses (GPA 3.2)

Analytical Mechanics I and II, Construction Project Management, Design of Reinforced Concrete Structures, Design of Steel Structure, Fundamentals of Civil Engineering in AUTOCAD, Introduction to Analysis and Design, Materials of Construction, Pre-stressed Concrete, Structural Engineering, and Surveying.

Universidad Internacional Menendez Pelayo, Barcelona, Spain

International Exchange Student, Minor in Spanish, July 2005

SKILLS

Fluent in Spanish

OSHA Certified

Prolog computer experience

Software experience with Excel

AUTOCAD computer experience

PROJECTS

Major Qualifying Project (MQP), August 2006 – Present

- Gateway Research Park in Worcester, MA
- Working in a team of four researching historic masonry construction and building codes
- Performing a structural analysis of the buildings and designing structural alternatives with corresponding cost estimates
- Analysis of Massachusetts building codes and their application to the fire protection engineering systems used in the project

Interdisciplinary Qualifying Project (IQP), Brookline DPW March 2006-May 2006

- GIS/GPS databases
- Inventory park and open space equipment

WORK EXPERIENCE

Gilbane Building Company May 2006-Present

Internship

- Aid Senior Project Engineer (i.e. Submittals, Transmittals)
- Compile weekly progress reports

Corporate & Foundation Relations WPI August 2005-March 2006

Team Member/Assistant to Director

- Compile reports of data (i.e. spreadsheets, charts)
- Inventory Resource Library/Office work

CHASE TERRIO

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Residential Address

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home; (508) 428-5850

OBJECTIVE To earn a full time position in the field of Civil Engineering

EDUCATION Worcester Polytechnic Institute, Worcester, MA
Bachelor of Science, Civil Engineering
Expected Graduation Date: May 2007
GPA: 3.09

RELATED COURSEWORK

Structural Engineering, Soil Mechanics, Design of Reinforced Concrete Structures, Auto CAD, Design of Steel Structures, Foundation Engineering, Materials of Construction, Surveying, Fluid Mechanics, Cost Estimating, Scheduling, and Project control, Construction Project Management, Transportation Engineering

PROJECTS

Senior Major Qualifying Project (MQP) August 2006- March 2007

I am working in a team of three students to complete the design, analysis, and project management of a new Upper-Classmen dormitory for the WPI campus. The Project will focus on the structural design of the building with emphasis on cost effective construction while maintaining an effective project management schedule. The effects of “green” Engineering will also be considered in the design and cost of the structure.

Junior Interactive Qualifying Project (IQP), San Juan, Puerto Rico, March – May 2006

I worked in a team of four students for The Puerto Rico Tourism Company analyzing the potential for the implementation of sustainable tourism practices in the existing tourism industry. We developed a list of most effective sustainable practices as well as analyzed the cost effectiveness of those practices.

RELATED EXPERIENCE

Summer’s

Eldridge & Sons Construction & Remodeling Co. 2005-2006

Assistant in Framing and Carpentry

- Worked independently to complete various structural framing tasks
- Acted as site supervisor to complete framing requirements
- Supervised and instructed laborers

Summer

Halliday Builders Inc. 2004

Assistant in Framing and Carpentry

- Aided in completion of various carpentry projects
- Completed tasks independently as needed

COMPUTER SKILLS

Microsoft Office: Word, Excel, PowerPoint, Publisher

KELLY THOMPSON

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845-667-4688

Residential Address

76 Red Barn Road
Pine Bush, NY 12566
845-744-6220

EDUCATION

Worcester Polytechnic Institute, Worcester, MA
Bachelor of Science in Civil Engineering
Expected Graduation: May 2007
Accepted into 5 year Fire Protection Engineering Masters Program

Related Coursework

Transportation Engineering	Materials of Construction
Analytical Mechanics	Structural Engineering
Structural Steel Design	Design of Reinforced Concrete Structures
Fundamentals of Auto Cad	Construction & Project Management
Environmental Engineering	Surveying
Dynamic Systems	Fluid Mechanics
Thermodynamics	Heat Transfer

PROJECTS

Major Qualifying Project (MQP), August 2006- Present
Studying the design and development of the Gateway Research Park, located off of Route 290 in Worcester, MA. Working in a team of four researching historic masonry construction and building codes to determine necessary updates to the structure of the masonry building. Performing a structural analysis of the buildings at 60-68 Prescott Street and designing structural alternatives and corresponding cost estimates. Analysis of Massachusetts Building Codes and their application to the fire protection engineering systems used in the project.

Interactive Qualifying Project (IQP), Venice, Italy, June - July 2005
Studied the condition of the floors and artifacts in 14 Venetian Churches. Working in a team of three, we created a damage scale to assess floor damage severity. Made recommendations about solutions to current damage and preventing future damage. Used a laser-level and points of known elevation to measure the elevation heights of the churches. Created a database in access of church floor quadrants and artifacts.

EXPERIENCE

MS Transportation Systems Inc., Framingham, MA 05/2006-08/2006
Work Study, Football Office, Worcester Polytechnic Institute, Worcester, MA,
2003-2006
Hearts and Flowers Florist, Pine Bush, NY 03/2003-08/2003

SKILLS

Computer: Autodesk Civil 3D 2006; HCS+; Synchro 6; Microsoft Word, Excel, Power Point, Access, Visio.

ACTIVITIES

University Ambassador Awards Committee, 2005-2006
Women's Industry Network (WIN), 2004- 2005
Society of Women Engineers, 2003-present
Phi Sigma Sigma Sorority, 2003-present
Student Athlete Advisory Committee, 2003-2004

MAUREEN TOOHEY

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603-472-2012

College Address

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OBJECTIVE A position in the field of Civil Engineering with a focus in construction management.

EDUCATION

WORCESTER POLYTECHNIC INSTITUTE, Worcester, MA
Bachelor of Science, Civil Engineering Anticipated Graduation May 2007
Estimated GPA: 3.3

CERTIFIED ENGINEER IN TRAINING, NH 2006

RELEVANT COURSEWORK

Calculus; Differential Equations; Linear Algebra; Statistics; Physics; Chemistry; Fluid Mechanics; Thermodynamics; Construction Project Management; Legal Aspects in Design and Construction; Architectural Engineering Systems; Cost Estimating, Scheduling, and Project Control; Fundamentals of AutoCAD; Surveying; Materials of Construction; Introduction to Analysis and Design; Analytical Mechanics I and II; Introduction to Transportation Engineering; Environmental Analysis; Hydrology; Introduction to Pavement Materials, Design, and Management; Fluid Mechanics

PROJECTS

2006-present

MAJOR QUALIFYING PROJECT, Worcester, MA
Heifer International Renovations (3 Course Equivalent)
Prepared an upgraded water distribution system. Designed a community center.

2005-2006

INTERACTIVE QUALIFYING PROJECT, Worcester, MA
Stock Market Simulation (3 Course Equivalent)
Conducted a six-week simulation. Researched the stock market and individual companies.

SKILLS

COMPUTER EXPERIENCE

Microsoft Office (Word, Excel, Power Point, Publisher); AutoCAD; MicroStation

FOREIGN LANGUAGES

Spanish (Conversational)

EXPERIENCE

2005-present

VANASSE HANGEN BRUSTLIN, INC., Summer/Winter Intern, Bedford, NH
Revise project plans in MicroStation based on paper drawing corrections. Quantify values for materials used in a cost estimate. Edit design specifications. Provide general office assistance.

2004-present

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING,
Office Assistant, WPI, Worcester, MA
Assist professors and teaching assistants in preparing for classes and research studies.

2003-2004

WPI PAVEMENT LABORATORY, Undergraduate Research Assistant,
Worcester, MA
Multitasked on different research projects with time sensitive reports and results.
Conducted experiments on asphalt samples. Cataloged data for use by professors and Researchers. Cleaned laboratory as necessary.

OBJECTIVE To obtain a full-time position at a multi-disciplinary civil engineering firm.

EDUCATION

Worcester Polytechnic Institute, Worcester, MA
Bachelor of Science in Civil Engineering with Distinction
Expected Graduation Date: May of 2007 Cumulative GPA: 3.68

Relevant Coursework

Hydraulics, Matrix Analysis of Structures, Pavement Material Design and Management, Reinforced Concrete Structure Design, Prestressed Concrete Design, Steel Structure Design

Major Qualifying Project, Milan, Italy Oct. 2006 – Dec. 2006
Design of a High Density Polyethylene (HDPE) Energy Dissipater

Our project group will be performing drop-tower tests in a state-of-the-art crash testing facility located at the Polytechnic University of Milan. Utilizing the unique material properties of HDPE, test data will be analyzed and used to design a fully-retainable crash cushion capable of safely dissipating energy of a pickup truck impacting the device at 100 km/h.

Technical Skills

AutoCAD 2005, ArcView GIS, Microsoft Office XP/2003, RISA, Revit

WORK EXPERIENCE

Weston & Sampson Engineers, Inc., Peabody, MA May 2006 – Present
Water Group Engineering Co-op

- Performed hydraulic analysis and design to meet client specifications.
- Automated database referencing processes which saved time and reduced costs.
- Created hydraulic models for cities to design water distribution systems using HydroCAD.
- Managed a crew of seven for the erection of a 100-foot wind testing tower.
- Plotted and computed drainage areas for 36 dams in Massachusetts using ArcView GIS.

PSNH Transmission Group, Northeast Utilities System, Hooksett, NH May 2005 – Aug. 2005, Dec. 2005

Foot Patrol Technician Intern

- Planned and patrolled approximately 250 miles of transmission lines throughout NH.
- Acquired company vehicle training and experience.
- Obtained training in control center operations and power plant generation.

Organizations and Clubs

Lambda Chi Alpha Fraternity Dec. 2003 – Present
Vice President of External Affairs and Philanthropy (2006), Alumni Chairman (2005)
Chi Epsilon Civil Engineering Honor Society Dec. 2005 – Present
American Society of Civil Engineers Oct. 2005 – Present
WPI Sailing Team Sept. 2005 – Present
Christian Bible Fellowship Aug. 2003 – Present

Volunteer Experience

Exploradreams Youth Mentor 2005 – Present
Pi Zeta Fund Educational and Philanthropic Endowment 2004 – 2006
Lambda Chi Alpha National Food Drive 2004 – 2006
Head of the Charles Regatta 2004, 2005

334 Deerfield Road
Candia, NH 03034

RYAN YOUNG

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OBJECTIVE

Entry level Civil Engineer with a focus in Project Management.

EDUCATION

Worcester Polytechnic Institute, Worcester, MA Anticipated Graduation May 2007
Bachelor of Science, Civil Engineering GPA: 2.7

Related Courses

Construction Project Management; Materials of Construction
Cost Estimating and Project Control; Urban and Environmental Planning;
Structural Engineering; Design of Steel Structures; Environmental Engineering;
Design of Reinforced Concrete Structures; AutoCAD

GROUP PROJECTS

Senior Major Qualifying Project (MQP), Worcester Polytechnic Institute Residence Hall
August 2006-present

Working on a team of four civil engineering students to simulate the responsibilities and actions of the Gilbane construction management team. Specifically; Producing and adjusting project schedules, analyzing dormitory and garage design options, and producing cost estimates throughout stages of the project. Also working along side Cannon Design's project architects and WPI Residence Hall Planning Committee.

Junior Interactive Qualifying Project (IQP), Stock Market Analysis October 2005-May 2006
Analyzed investment options within different industries in relation to economic changes, market changes, and current events.

WORK EXPERIENCE

Grade Foreman/Layout Technician, Severino Trucking Co. Candia, NH 05/2006-08/2006
Did layout and surveying for a construction company dealing mainly with site work. Worked mainly on subdivisions laying out roads, house lots, utilities, and property lines and also inner city jobs working mostly with utilities. Gained experience working with AutoCAD, and robotic total stations.

Carpentry Assistant/Laborer, Dean Young, Candia NH, summers 2001-2005
Worked alongside carpenters as laborer with some basic carpentry.

COMPUTER SKILLS

AutoCAD, Revit, Microsoft Office (PowerPoint, Excel, Word), SAS Statistical Analysis

Activities:

- Sigma Phi Epsilon Fraternity, 2003-present: VP Finance 11/2005-11/2006, Assistant Finance 11/2004-11/2005, Standards Board 2004-present
- Inter-Fraternity Council Judicial Board, 2005-present
- WPI Varsity Football, 2003-2006

