

BLUE STEELE

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EDUCATION

University of New Hampshire - Durham, NH
Bachelor of Science in Civil Engineering

Expected: May 2017
Overall GPA: 3.6

RELATED EXPERIENCE

Underwood Engineers, Portsmouth NH
Summer Intern

June – September 2015

- Updated and maintained web-based database for MTBE contaminated soil and groundwater sites
- Generated reports of contaminated sites that were submitted to the State Board
- Created mass mailings for water purveyors on contaminated UST sites
- Filed reports and technical communication regarding site remediation
- Trained new personnel on software programs

Engineers Without Borders, UNH Chapter
Member

March 2014 - December 2014

- Collaborated in a team of 12 to design and install an efficient, appropriate, and locally sustainable water delivery system in El Salvador, Central America
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PROJECT HIGHLIGHTS

- Developed and presented Statement of Qualifications, estimated run-off and designed storm water discharge system for highway, ramps, and bridge using NH DOT and FHWA standards. Also created a Storm Water Management Plan in collaboration with existing local and statewide plans to comply with NPDES requirements.
 - Designed water distribution network for an urban neighborhood including elevated storage, pumping station, and fire protection for an elementary school.
 - Conducted a hydrologic frequency analysis for the Nooksack River (WA) using probability distributions based on historical gage data and using the U.S. Water Resource Council method.
 - Analyzed coastlines for maximum wave run-up and overtopping based on forecasted, wind-generated waves and used analysis to determine set-back distances and pile elevations.
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TECHNICAL SKILLS

AutoCAD, Matlab, Microsoft Word/Excel/PowerPoint

LEADERSHIP AND INVOLVEMENT

American Society of Civil Engineers (ASCE)
Society of Women Engineers (SWE)
Intramural Soccer

September 2015- Present
September 2014- Present
March 2015-May 2015

ADDITIONAL EXPERIENCE

Multiple Biology Laboratories, Durham NH (5 to 10 hours per week)
Laboratory Assistant/Grader

March 2015 - Present

- Perform analysis on laboratory data collected by students
- Grade laboratory reports based on correctness and format

CVS Pharmacy, Epping, NH (20 to 25 hours per week)
Sales Associate

November 2012 – August 2014

- Gained valuable communication skills while working with the general public