

Katie Jean Dumas

Address Information Forwarded Upon Request

Objective

Seeking a summer internship with a Civil Engineering firm to gain experience in the field.

Education

B.S. Civil and Environmental Engineering

Minor Construction Management Technology, Expected May 2011

University Of Maine, Orono, Maine

3.163 GPA; Recipient of Frank Sleeper Sawyer '10 Scholarship 2007, 2009;

Recipient of George W. & Abbie M. Greenwood Civil Engineering Scholarship 2008

Relevant Coursework

Soil Mechanics, Spring 2010

- Learning physical properties, engineering behavior and performance of soils and rocks

Structural Steel Design, Spring 2010

- Applying Load and Resistance Factor Design concept to design steel structures

Groundwater Hydrology and Hydraulics, Spring 2010

- Using concepts of groundwater modeling to solve the many open-ended problems of groundwater flow

Construction Methods, Spring 2010

- Studying construction operations including reinforced concrete, and structural steel construction

Introduction to Structural Analysis, Fall 2009

- Learned idealizations and models of structures
- Analyzed indeterminate and determinate beams, trusses, and frames

Hydraulics, Fall 2009

- Applied fundamental principles of fluid flow to engineering problems

Plane Surveying, Fall 2009

- Introduced to surveying instruments and their applications

Transportation Engineering with Technical Writing, Spring 2009

- Study roadway design standards and safety of pedestrians, vehicles and bicyclists
- Research solutions for transportation issues to write a recommendation paper

Fundamentals of Environmental Engineering, Fall 2008

- Learned about chemical and biological processes
- Calculated chemical toxins and pathogen levels in wastewater and air

Materials, Fall 2007

- Studied properties of materials and learned about concrete mix designs

Extracurricular Activities

American Society of Civil Engineers (Secretary, 2009)

2007-Present

Concrete Canoe Team

2008-Present

Engineers Without Borders

2008-Present

M-Project Mentor

2008-Present

Society of Women Engineers

2007-2009

Computer Skills

Excel, Word, PowerPoint, MicroStation, MATLAB

Work Experience

Team Leader, First & Second Year Programs

March 2009-Present

Field Assistant, UMaine Wildlife Ecology Dept

May 2009-Aug. 2009

Student Aide, Fogler Library

Nov. 2007-May 2009

Shift Leader and Cashier, Dairy Queen

May 2005-Aug. 2008

Cashier, Target

Oct. 2006-March 2007