

# Sarah Lingley

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## EDUCATION

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### University of Maine at Orono

B.S. in Civil and Environmental Engineering, expected May 2010

GPA: 3.97

Passed Fundamentals of Engineering Exam, October 2009

Design Project: Papermill Road Redesign & Stream Bank Remediation

Relevant Coursework:    Groundwater                      Water Treatment  
                                 Hydrology                              Reinforced Concrete Design  
                                 Wastewater Treatment              Pollutant Fate and Transport

### Full Sail University at Winter Park, Florida

A.S. in Recording Arts, October 2004

## EXPERIENCE

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### Civil and Environmental Engineering Intern

summer 2008 & 2009

Woodard and Curran, Portland & Bangor, Maine

Designed RV park	Developed cost estimates
Delineated watershed	Reviewed plans
Completed permits	Performed condition assessment
Wrote environmental reports	Developed alternatives analysis report

### Research Assistant in Micromechanics Lab

spring 2008 – present during academic year

University of Maine at Orono

- Analyzed stresses and strains in concrete cylinders
- Researched digital image correlation algorithms
- Developed MATLAB coding to analyze fibers in reinforced concrete

Other work experience includes an administrative assistant position at Smash Studios in New York City and a waitress at Ground Round in Bangor, Maine.

## ACHIEVEMENTS

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- Dean's List – six semesters
- Presidential Achievement Award – spring 2007
- Chi Epsilon – civil engineering honor society
- Phi Kappa Phi – all academic disciplines honor society

## SKILLS & ACTIVITIES

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### American Society of Civil Engineers Student Chapter

Secretary 2008, Member 2006-present

### Chi Epsilon Student Chapter

President 2009-2010, Member 2008-present

### Student Leadership Council

A forum between student leaders and the College of Engineering

Experience with: MATLAB, HydroCAD, MicroStation & AutoCAD