

SARA LAPPANO

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Thesis Project Website: www.arche.psu.edu/thesis/srl140

OBJECTIVE

To gain experience in lighting design through a summer internship with the possibility of permanent employment after graduating in December 2003.

EDUCATION

Penn State University State College, PA Expected Graduation: Dec. 2003

- Integrated Bachelors and Masters degree in Architectural Engineering, Lighting option
- ABET accredited program
- Passed FE exam, taking LC exam in November 2002
- GPA: 3.8/4.0

Related Courses:

- Computer Aided Lighting Design ■ Daylighting Design
- Architectural Illumination ■ Space and Light Theory

EXPERIENCE

Summer 2002 **SmithGroup, Inc.** **Washington, D.C.**

Lighting/Electrical Engineering Intern

- Designed wiring and panelboards for lighting and power systems
- Assisted in 3-D modeling and checked illumination levels using Lumen Micro
- Determined number of luminaires and layouts for spaces

Summer 2000, Summer 2001 **McClure Company** **Harrisburg, PA**

Design-Build/Project Management Intern

- Performed heating load calculations using computer simulations
- Assisted in sizing, layout, and coordination of ductwork
- Coordinated with project engineers, subcontractors, and vendors

ACTIVITIES

- Student Society of Architectural Engineers, President 2002
- Tau Beta Pi Engineering Honor Society
- Alpha Rho Chi Architectural Engineering Honor Society
- Illumination Engineering Society
- Women in Engineering Program, Mentor for freshmen 2000-2001
- Study Abroad Program in Leeds, England, Fall 2001
- Intramural softball and coed football
- Penn State Outdoor Club