

Christine M. Clowes

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221 S. Barnard, Apt. 48
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OBJECTIVE

Obtain a full-time position as an Electrical Engineer and Lighting Designer to utilize and enhance my knowledge and skills of engineering and design.

EDUCATION

The Pennsylvania State University

Integrated Bachelor and Master of Architectural Engineering – Lighting/Electrical Option
5-Year Professional Degree – ABET Accredited

*University Park, PA
Class of 2009*

Sede di Roma – Study Abroad Program

Architecture Studies Minor

*Rome, Italy
Summer of 2007*

EIT status upon graduation

Cumulative GPA: **3.78/4.00**
M.A.E. GPA: **4.00/4.00**

WORK EXPERIENCE

SmithGroup

Summer '08

- Assisted in the lighting design, calculations, and documentation for the National Intrepid Center of Excellence, a state of the art medical facility on the National Naval Medical Base in Bethesda, MD.
- Gained an enhanced understanding of control systems in numerous types of spaces.
- Corresponded with lighting representatives to obtain and select lighting fixtures.
- Sized and circuited electrical equipment and wiring for a variety of projects.

Alexander Building Construction, LLC

Summer '07

- Worked closely with the Project Engineer to oversee work on the new Geisinger Health System – Grays Woods Ambulatory Care Center.
- Completed takeoffs of construction documents to obtain quantities of work.
- Reviewed and updated shop drawings while tracking and documenting RFIs and RFPs.

The Whiting-Turner Contracting Company

Summer '06

- Organized meetings, site tours, and bid out the abatement and IH work.
- Assisted in bidding a job by completing takeoffs, contacting subcontractors, and completing closeout paperwork.
- Corresponded with subcontractors and owner in order to complete the punch list for the renovation of the Garrett-Jacobs Mansion in Baltimore, MD.

LEADERSHIP AND ACTIVITIES

Illuminating Engineering Society (IES), Penn State Student Chapter

Fall '07-present

- Appointed to the position of Student Chapter President for the 2008-2009 school year.
- Plan events and presentations that increase students' exposure to the lighting industry.

Architectural Engineering Envoy

Fall '06-present

- Selected by the AE Department to represent the major to prospective AE students.
- Give tours and provide information regarding the program and its opportunities.

Operations Committee, Penn State Dance Marathon (THON)

Fall '06-present

- Participate in the largest student run philanthropy, raising money for The Four Diamonds Fund.
- Assist in the setup, cleanup, and other duties necessary throughout the 46 hour event.

TECHNICAL SKILLS

- AGI
- Autodesk AutoCAD & VIZ
- Autodesk Revit MEP & Architecture
- Adobe Photoshop & InDesign
- Daysim

HONORS

- Dean's List (all semesters)
- Howard Brandston Student Lighting Design Education Grant
- SmithGroup Scholarship
- Phi Alpha Epsilon, AE Honor Society