

Allen Walker

Phone (814) 883-5335 • E-mail amw304@psu.edu
321 Creekside Drive • State College, Pennsylvania 16801
www.engr.psu.edu/ac/thesis/portfolios/2008/amw304

OBJECTIVE

To acquire a full time position in the field of Architectural Engineering, beginning in the summer of 2008 that will utilize my professional and technical skills in the areas of electrical and lighting design.

EDUCATION

Bachelor of Architectural Engineering (B.A.E.) Lighting/Electrical Option 2003-2008

The Pennsylvania State University, University Park, PA

- 3.57 GPA, Junior/Senior Average 3.90 GPA
- 5 year professional ABET accredited degree
- Passed Fundamentals of Engineering (F.E.) exam, eligible to become Engineering in Training upon graduation.

RELATED AND LEADERSHIP EXPERIENCE

Mueller Associates - Baltimore, MD Summer 2007

- Engineering intern responsible for design and drafting in the areas of electrical and lighting design.
- Assisted in construction administration including submittal review, writing specifications and cost estimation.
- Created project summaries to enable the company to create a database for marketing and research purposes.

Girard Engineering – Falls Church, VA May 2006-February 2007

- Engineering intern responsible for design and computer aided drafting in the areas of fire protection, lighting design and electrical systems.
- Developed single line diagrams, panelboard schedules, circuited varying load types and employed the NEC to perform energy calculations.
- Aided in the redesign of a lighting scheme in response to the concerns of adjacent residents. Additionally, utilized manufacturer's literature to determine technical information for various lighting fixtures on company projects.
- Designed fire alarm systems including annunciator panel, strobes, speakers, exit signs and emergency lighting layout.

SALA Building Acoustical Study and Design – University Park, PA Fall 2005

- Studied the existing acoustical conditions of the space to obtain a better understanding of the problem and explored all possible solutions to give the client a innovative and well researched proposal.
- Developed a revised floor plan for the workshop, incorporating all elements of our solution.

Camp Counselor – Hartman Center, Milroy PA 2003

- Coordinated and supervised camp wide activities to promote team building and communication skills, serving as a mentor to a group of 10-20 boys of varying ages.

HONORS & ACTIVITIES

- Named to Dean's list for academic excellence for 5th, 6th, 7th and 8th semesters.
- Penn State bowling team and taught technique and etiquette in youth bowling league 2003-2004 & 2007-present.
- Illuminating Engineering Society 2006-present.
- Racquetball club 2005-present.

PROFESSIONAL SKILLS

- Comprehensive knowledge of AutoCAD, AGI, Revit, AutoCAD Inventor, 3D Studio Max, Photopia and Luxicon Lighting program.
- Proficient in Microsoft Office software, Dreamweaver webpage design, and FORTRAN programming