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OBJECTIVE

To obtain a full time position in the field of architectural engineering with a concentration in electrical/lighting design

EDUCATION

B.A.E. in Architectural Engineering/ABET accredited

The Pennsylvania State University, University Park, PA
Anticipated Graduation, May 2013

9th semester Senior

Cumulative GPA: 3.47 out of 4.0

EIT status upon graduation

Minor in Architectural Studies

Sede di Roma – Penn State’s AE Study Abroad Program Rome, Italy Summer 2010

Studied ancient & medieval structural design, cartography, historical aspects of Rome architecture & urban space design.

Relevant Courses

Computer Aided Lighting Design Adv. Building Electrical Design Daylighting Micro CADD Applications
Arch. Illumination Systems & Design Elec. Circuits & Power Distribution Fundamentals of HVAC

WORK

EXPERIENCE

Electrical Intern

SmithGroup JJR, Washington, DC

May – Aug 2012

A U.S. based, international architecture, engineering, and planning firm specializing in the health, learning (higher education), science and technology, workplace, landscape design/urban planning markets

- Completed interior, exterior and site light level calculations in AGI32
- Fully developed lighting plans, power plans and a fire alarm systems plan in Revit MEP 2012 and Revit 2013, including layouts and all wiring and circuiting
- Produced panel schedules with new and existing loads
- Created electrical and fire alarm riser diagrams in Revit 2013
- Performed lighting power density calculations and ensured compliance with local energy codes and ASHRAE 2007 Standard 90.1
- Completed electrical LEED documentation

Electrical Intern

Johnson, Mirmiran, & Thompson, Sparks, MD

May – Aug 2011

Multi-disciplined architectural/engineering company that provides consulting and technology services to public agencies and private clients throughout the United States

- Conducted an electrical survey of the Greater Baltimore Medical Center
- Created Excel spreadsheets for voltage drop calculations, short circuit calculations, and panel board schedules
- Developed riser diagrams, as well as single line diagrams using AutoCAD
- Completed floor plans and lighting layouts in AutoCAD and MicroStation
- Selected light fixtures for schools and auditoriums and completed lighting fixture schedules

Construction Management Intern McDonough Bolyard Peck, Berwyn, PA

Jun – Aug 2010

Construction consulting firm experienced in managing construction process from initial budget through design and construction to project closeout

- Defined and outlined Scopes of Work, developed cost estimates and Critical Path Method schedules using MS Project
- Attended project meetings, took notes, prepared and distributed meeting minutes, and created risk registers

Teaching Assistant The Pennsylvania State University, University Park, PA Spring 2012 – Spring 2013

Teaching Assistant for Micro CADD Application

- Assisted students with 3ds Max and Revit and graded homework and projects

SPECIAL

SKILLS

Revit/Revit MEP Day Sim AutoCAD AGI32 3dsMax Adobe Photoshop MicroStation
Microsoft Project Word, Excel and Powerpoint Familiar with large sets of architectural drawings

**LEADERSHIP
& ACTIVITIES**

USGBC – Penn State Student Chapter (April 2011- Now)

- Executive Board, Public Relations Chair (April 2011 – May 2012)

PSU Panhellenic Dance Marathon

- Operations Committee, 2008 – 2009
- Hospitality Committee, 2010 – 2011

- Special Events Committee, 2011 - 2012

PSU Panhellenic Dance Marathon Dancer, 2010

PSU Habitat for Humanity (Fall 2010-Spring 2011)

Student Society of Architectural Engineers (Fall 2008- Now)

- Mentor Program, mentor younger AE students
- Yearbook Editor (Fall 2012 – Spring 2013)

Illuminating Engineering Society (Fall 2011-Now)

Society of Women Engineers (Fall 2008-Now)

References Available Upon Request