

Permanent Address: 1044 Sarvis Dr. Bethel Park, PA 15102

# Abigail L. Kun

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## OBJECTIVE

Obtain a full time engineering position in architectural engineering with an emphasis in lighting design and electrical systems.

## EDUCATION

### **The Pennsylvania State University, University Park, PA**

Pursuing a Bachelor of Architectural Engineering Degree (B.A.E.)

#### **E.I.T. Acquired Upon Graduation**

Expected Graduation Date: May 2013

GPA: 3.22/4.0

### **Architectural Engineering Study Abroad – Rome Italy**

*The Pennsylvania State University through The Pantheon Institute, Rome, IT*

Minor in Architectural Studies: June 2010

GPA: 3.83/4.0

#### **Relevant College Coursework:**

BIM Thesis

- Currently participating in a BIM thesis group working with AE students from all disciplines

Advanced Illumination System Design

- Studied advanced lighting calculation and design procedures for various building applications

Basic Structures, HVAC, CM and Acoustics

- Strengthened my understanding of building design through a well-rounded study of arch. eng.

Solar Energy Building System Design

- Learned solar energy system design and application techniques for large and small scale projects

Architecture Studio/Model Building

- Developed hands-on technical skills in drafting and modeling both in individual and team environments

AutoCAD/Revit/Visual Studio/AGI32

- Designed basic structures and buildings in AutoCAD and Revit programs for numerous projects

- Calculated basic room/building light levels with Visual Studio and AGI32 for class and work assignments

## WORK EXPERIENCE

### **Electrical Engineering Intern**

**May 2012 – August 2012**

Girard Engineering

- Circuited electrical layouts and organized panelboards for both new and retrofitted building designs
- Laid out building fire alarm, receptacle, and lighting layouts for a variety of building types
- Worked with electrical engineering professionals on multiple lighting and electrical design projects

### **Energy and Engineering Intern**

**April 2011 – Present**

Penn State Office of Physical Plant, State College, PA

- Surveyed existing buildings and designed retrofits and renovations to upgrade lighting for increased energy savings and improved visibility
- Collected and organized data for Energy and Engineering presentations and records
- Researched lighting standards and technology advancements to stay up to date with industry trends

### **Sales Associate and Cashier**

**April 2004 – August 2009**

Shrubs 'n' Stuf, Pittsburgh, PA

- Developed customer service skills by teaching about and finding plants for customers
- Established skills for team building, working with others, and managing employees

## ACTIVITIES

IES Member

**2011-Present**

Student Society of Architectural Engineers

**2009-Present**

SSAE Mentor/Mentee Program

**2009-Present**

Alliance Christian Fellowship

**2008-Present**

Campus Crusades for Christ Bible Study Leader

**2008-2012**

Oriana Singers, Penn State Choir

**2008-2011**