

## **Joshua L. Winemiller**

5<sup>th</sup> Year Architectural Engineering  
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Shrewsbury, PA 17361  
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**School Address:**  
316 W. Beaver Ave., Apt. 205  
State College, PA 16801  
717-683-6485

**Objective** To obtain a full time position as an electrical engineer within a progressive, forward thinking company.

**Education** **The Pennsylvania State University, University Park, PA**  
Bachelor and Masters of Architectural Engineering, Graduating December 2011  
5 year professional degree, ABET accredited, GPA: 3.50/4.00, EIT upon graduation

### **Related Course Work**

Power Distribution	Electrical and Illumination Systems Design
Electrical Circuits	Computer Aided Lighting Design
Daylighting	Science of Light Sources
Technical Writing	Fire Protection Engineering
Effective Speech	Communication Systems
Energy Simulation	Sustainable Building Methods

### **Computer Skills**

AutoCAD 2010	Microsoft Word
Revit MEP 2010	Microsoft Excel
AGi32 2.1	Microsoft Powerpoint

### **Employment Experience**

**Henry Adams, LLC, Towson, MD** Summer 2009/2010  
Electrical Design Intern

- Performed lighting/electrical design and prepared construction documents for a ballroom upgrade project and a law office building renovation
- Completed field surveys of existing conditions including panelboard schedules and equipment elevations, edited reports and performed submittal reviews
- Modeled rooms in AGi32 for lighting calculations and evaluated designs for compliance with ASHRAE 90.1
- Conducted electrical calculations for service entrance, circuit breaker, feeder, and conduit sizes
- Assisted with communication systems and fire alarm design
- Developed AGi32 learning guide and presentation for employer

**Johnson, Mirmiran, & Thompson, Inc., Sparks, MD** Summer 2007/2008  
Electrical Design Intern

- Performed site and roadway lighting calculations in AGi32
- Performed electrical design on K-12 school projects, construction administration services including site visits, shop drawings, and construction meeting minutes

### **Honors and Organizations**

National Dean's List  
Student Society of Architectural Engineers (SSAE), General Member  
Illumination Engineering Society (IES), General Member  
Intramural softball and racquetball

**References** Available upon request