

## Patrick Morgan

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## Objective

Obtain an entry level engineering position where my knowledge of lighting and electrical design may be utilized, along with the continuing to build additional knowledge in the field.

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## Summary

- Demonstrated achiever with exceptional knowledge of lighting and electrical concepts, components and system layouts.
  - Proficient in electrical design including new solar technology integration.
  - Strong background in architectural development and understanding of the design process.
  - Skilled at learning new concepts quickly, working well under pressure, and communicating ideas clearly and effectively.
  - Proficient in AutoCAD 2011, Revit MEP 2011, AGi32, Autodesk 3ds Max, Microsoft Office, Adobe Creative Design Suite, Revit Architecture 2010, and Revit Structure 2009.
  - Enthusiastic to explore new opportunities and locations.
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## Education

### **Integrated Bachelor/Master Degree of Architectural Engineering**

*The Pennsylvania State University, University Park, PA*

**5 Year ABET Accredited Program**

**Concentration: Lighting/Electrical**

**Cumulative GPA: 3.72**

*Expected  
Graduation  
May 2011*

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## Career History & Accomplishments

### **Electrical Intern, James Posey Associates**

*2010*

- Worked with lighting, emergency lighting and electrical system design.
- Extensive use of AutoCAD MEP 2008 to create and modify construction drawings.
- Conducted field surveys in research and museum based projects.
- Acted as a direct contact with several clients and architects.
- Conducted punch lists on institutional based projects.

### **Intern, Timber Architectural Office**

*2007-2008*

- Worked in direct contact with the design of several buildings.
  - Conducted field surveys in both urban and suburban environments.
  - Prepared construction documents and other reports for senior architect meetings with clients.
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## Awards & Memberships

- Eligible for EIT status upon graduation
- Besal Lighting Scholarship Recipient 2009
- Boy Scouts of America Eagle Scout – 2002
- Burlington City High School Valedictorian – 2006
- Nittany Lights Outdoor Lighting Design - Fall 2008
- Phi Alpha Epsilon (AE Honor Society) Member - 2010
- Solar Decathlon 2009 Design Team – Lighting and Electrical/PV Designer
- Tau Beta Pi (Engineering Honor Society) President –Fall 2009 to Spring 2010