

Joseph G. Becker

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Objective: To obtain a full-time position as an electrical/lighting engineer where I may have the opportunity to grow into a project management role while also gaining experience to become a licensed professional engineer.

Education:

- The Pennsylvania State University, University Park, PA
 - Bachelor of Architectural Engineering: Lighting/Electrical Option
 - Five year professional degree, ABET accredited, EIT upon graduation
 - Graduation 2012: Overall GPA 3.56/4.0, Dean's List
- BIM Studio, Photovoltaic System Design, Daylighting, Theatre Lighting Design
- Third Year Resident Assistant & LeaderShape Conference
- Glee Club & Ballroom Dance Club
- Language skills beginner/intermediate: Spanish, French, Italian

Engineering Experience:

James Posey Associates, Baltimore, MD May 2011 – August 2010

- Created lighting, electrical and site layouts, performed lighting calculations to achieve W/ft² and fc requirements and tested results in AGi32
- Surveyed mechanical and electrical rooms while shadowing a PE
- Calculated voltage drop, sized wires & breakers and made panel schedules
- Collaborated with IT consultant to reconcile power and IT drawings

Performance Contracting Group, Boston, MA June 2010 – August 2010

- Processed RFIs, Submittals, MSDS sheets, Labor Control, QTOs, Accounts Processing, Purchase Orders and Acquired bids on Oncology Center

Performance Contracting Group, Sterling, VA June 2009 – August 2009

- Developed construction management skills with professional project managers while creating market studies and processing submittals

Michael L. Norris & Associates, State College, PA August 2008 – December 2009

- Incorporated knowledge of AutoCAD 2002 to draft lighting, ceiling, power, electrical, plumbing and HVAC documents while completing LEED documents

Hadco a Philips group brand, Littlestown, PA May 2008 – August 2008

- Utilized Solidworks 2008 to create instruction sheets, draft 3D LED lighting fixtures, build part drawings for a variety of lighting fixtures and helped conduct photometric tests

Software:

- AutoCAD 2011, Solidworks 2008, MS Office, ME 10, Revit Architecture 2011, Revit MEP 2011, Adobe Photoshop 2011, Adobe Dreamweaver 2011, Autodesk Review 2011, AGi32, Photometric Viewer, 3ds Max 2011, Trace