

CARL A. SPEROFF IV

Carl.A.Speroff@gmail.com | 505 Pine Needle Drive, Exton PA 19341 | 484.888.2520

Objective: To obtain a full-time lighting and electrical position with an architectural engineering firm.

Education: **The Pennsylvania State University**

Architectural Engineering, B.A.E. / M.A.E. Five Year ABET Program, Lighting / Electrical Option

Graduation: May 2011, E.I.T. Status upon graduation

Thesis portfolio: <http://www.engr.psu.edu/ae/thesis/portfolios/2011/cas5183>

Cumulative GPA: 3.55 / 4.0 | Major GPA: 3.54 / 4.0

Relevant Completed Courses

- Daylighting (M.A.E.)
- Sustainable Construction Project Management (M.A.E.)
- Architectural Illumination System and Design
- Advanced Architectural Illumination System and Design
- Computer Aided Lighting Design and Analysis
- Advanced Building Electrical Design
- Architectural Design Analysis Studio

Experience: **Cannon Design, New York, NY**

Intern (June 2010– August 2010)

- Assisted with lighting and electrical design of various healthcare, residential, and commercial projects.
- Tasks included designing the layout and running calculations for lighting systems, assisting in the design of power systems, and assisting with the design and layout of fire protection and nurse call systems.

Penn State Architectural Engineering Lighting Laboratory, University Park, PA

Laboratory Assistant (July 2009 – September 2009)

- Assisted in the installation of various lighting and electrical systems.
- Analyzed an array of components of lighting systems including lamp and luminaire types, output, and efficiency.

Penn State Architectural Engineering Structures Laboratory, University Park, PA

Laboratory Assistant (September 2008 – May 2009)

- Conducted research on structural support systems.
- Recorded, managed, and analyzed experimental results.
- Constructed various setups for structural experiments.

Ice Line, West Chester, PA: Ice Hockey Referee (Aug. 2003 – Present)

- Developed effective communication and leadership skills.
- Mentor to younger officials

Skills:

Computer Experience

- Autodesk Revit, 3-D Studio Max, AutoCAD
- AGI32, DaySim, and SkyCalc
- Adobe Photoshop

Programming Knowledge

- VBA programming, basic html code and web page design

Honors:

Awards

2010 Project Candle Lightfair International Award Recipient

First Place Fall 2009 Architectural Design Studio Competition

Dean's List: Spring 2008, Fall 2008, Fall 2009