

# Walter E. Nichols III

Current Address:  
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<http://www.arche.psu.edu/thesis/eportfolio/current/portfolios/wen104/>

Home Address:  
229 Bedford Street  
Newry, PA 16665  
(814) 696-6590

**Objective** To obtain a full time position in the lighting design field of architectural engineering.

**Education**      ■ **Bachelor's Degree of Architectural Engineering**

- The Pennsylvania State University – University Park, PA
  - 5 Year Professional Degree – ABET Accredited

**Coursework**

- Advanced Architectural Illumination Systems and Design (AE 464)
- Advanced Building Electrical Design (AE 467)
- Building Illumination Theory (AE 461)
- Senior Thesis (AE 481W)
- Advanced AutoCAD (AE 444)
- Building Electrical Systems and Illumination (AE 311)
- Computer Aided Lighting Design and Analysis (AE 466)
- Theater Lighting Design (THEA 270)

**Software**

- Acuity Brands Roadway
- AutoCAD
- Acuity Brands Visual
- AutoDesk VIZ 2005
- Adobe Photoshop
- C/C++
- AGI 32
- Microsoft Office

**Other Proficiencies**

- Building AMD and Intel based computer systems
- Trouble shooting computer systems

**Related Experiences**

**Student Intern Lighting Designer** – Holophane of Newark, Ohio

Supervisor – Mr. Ray Yeager, P.E, L.C. (740)-349-4296

*Dates of Employment:* 06/05 to 08/05

Responsibilities: Assisting with the design process of indoor and outdoor projects, created 3d objects in AutoCAD for calculations in AGI32, rendered projects in AGI32, drafted lighting plans in AutoCAD for clients and sales representatives, performed lighting calculations in AGI32, Acuity Roadway, and Acuity Visual, performed economical analysis on different fixtures for clients and sales representatives.

**Mathematics Tutor** – Hollidaysburg, PA YMCA Y-Teens Program

Supervisor – Ms. Karen Richards (814)-695-4467

*Dates of Employment:* 09/02 to 03/03

Responsibilities: Assisting Jr. High students with mathematics in the after school tutoring program.

**Utility Worker/Line Cook** – Red Lobster of Altoona, PA

Supervisor – Mr. Thomas O'Brian (814)-942-6288

*Dates of Employment:* 11/00 to 03/02

Responsibilities: Preparing dishes, silverware, and glasses for use by guests, training new employees, preparing foods in a cooking line system with a grill and fryer.

**Organizations**

- Penn State student branch of the Illuminating Engineers Society
- Penn State student judo club