

MARK · W · MILLER

<http://www.arche.psu.edu/thesis/eportfolio/current/portfolios/mwm171/>
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SCHOOL ADDRESS

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HOME ADDRESS

1050 Mechanics Hollow Rd.
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- OBJECTIVE:** To obtain a summer internship with a lighting/electrical firm to further develop my knowledge and real world understanding of Architectural Engineering
- EDUCATION:** **The Pennsylvania State University** University Park, PA
Integrated Bachelor of Architectural Engineering/ Graduation: Fall 2006
Master of Architectural Engineering – Lighting/Electrical emphasis
• 5 year professional degree – *ABET* accredited
• G.P.A. 3.31/4.0
• Passed Fundamentals of Engineering Exam, April 2005 – E.I.T. status upon graduation
- RELATED WORK EXPERIENCE:** **Leach Wallace Associates, INC.** Baltimore, MD
Electrical Intern Summer 2005
• Worked along side fellow engineers in the design of power generation, distribution, lighting, and telecommunication systems
• Performed project site visits to evaluate existing lighting and electrical conditions for renovations and additions
• Assisted the design team in performing lighting calculations and layouts for Baltimore Washington Medical Center’s Patient Tower and Emergency Department Expansion
- The Pennsylvania State University, DALI Light Lab** University Park, PA
Lab Assistant Fall 2004
• Responsible for replacing magnetic iron core transformer with a new product, digitally dimmable transformer
• Rewired luminaries, replacing existing hot, neutral, and ground with a five prong cable capable of accepting signals from a digitally addressable lighting interface
• Installed two ERCO fixtures that were successfully connected to a state of the art computer interface for digital communication
- WORK EXPERIENCE:** **Bob Evan’s Restaurant** Breezewood, PA
Server Summer 2001-2004
• Enhancement of social and communication skills through constant interaction with public and co-workers
• Maintained pleasant dining experience with friendly and upbeat personality
- COMPUTER EXPERIENCE:** • AutoCAD(versions 00-06)
• AGI 32
• Adobe Photoshop 7.0
• Autodesk Viz
• Microsoft Office
• Dreamweaver MX
• Trace Pro
- AFFILIATIONS:** • IES – Illuminating Engineering Society (Student Chapter)
• IALD – International Association of Lighting Designers
• SSAE – Student Society of Architectural Engineers

References and Portfolio available upon request