

Michael G. Payne

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Objective

To obtain an internship in structural engineering that will both exemplify and challenge the knowledge I have learned in the field. To grow and develop as a structural engineer.

Education

The Pennsylvania State University, University Park, PA

2007- Dec 2012

- 5th year student pursuing Bachelor of Architectural Engineering/Master of Architectural Engineering in the **structural** option (**Integrated BAE/MAE**)
- Five year professional degree-- ABET accredited
- Cumulative GPA-- **3.60/4.0** Major GPA- **3.76/4.0** Graduate- **Dec. 2012**

EIT-Engineer In Training (upon graduation)

Member of: Tau Beta Pi- The Engineering Honor Society

Phi Alpha Epsilon- Architectural Engineering Honor Society

- Completed advanced courses in steel, concrete, and masonry design; structural analysis; seismic engineering; building failures; and computer modeling of building structures
- **CPEP Website:** <http://www.engr.psu.edu/ae/thesis/portfolios/2012/MGP5032/index.html>

Computer Experience

Revit, RAM, STAADPro, SAP2000, ETABS, Risa, Structure Point, CAD, SketchUp, Photoshop, Dreamweaver, Microsoft Office: Excel, PowerPoint, Word, Project

Work Experience

Concrete Protection & Restoration, Inc: Baltimore, Maryland

Summer 2011

- ◇ **Project Manager** Intern at a structural concrete repair and general contracting company
- ◇ Worked with project managers, engineers, owners, and laborers in the office and on site

Lowe's Home Improvement: Latrobe, Pennsylvania

2008-2011

Payne's Lawn Service: Latrobe, Pennsylvania

- ◇ Semi-Professional landscaping, lawn care, and home maintenance

2003-2011

Organizations

Earthquake Engineering Research Institute of Penn State (EERI-PSU)

2010-Present

- ◇ **Founder and Current President**
- ◇ Multidisciplinary organization that focuses on detailed seismic analysis and implementing better seismic design to Penn State's structural engineering programs

Structural Engineering Association (SEA)

2009-Present

- ◇ Current **Vice President** and former webmaster
- ◇ Reviving the nation's only student run SEA chapter
- ◇ Aims to create a professional atmosphere among student structural engineers

Student Society of Architectural Engineers (SSAE)-Mentor program

2008-Present

- ◇ Promote/Spread knowledge regarding the profession of Architectural Engineering

The Student United Way (SUW)

2008-Present

- ◇ Nation's first student run United Way Organization; Service group and outreach program

Habitat for Humanity

2010 / 2011

Penn State Billiards Club/ Intramural Sports

2008-Present