

Eric R. Mueller

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OBJECTIVE

Further develop my structural design knowledge with a summer internship at a progressive and innovative architectural engineering or consulting firm.

EDUCATION

The Pennsylvania State University 2002-present *University Park, Pennsylvania*

- Bachelor of Architectural Engineering Degree – Structural Systems Option
- Master of Architectural Engineering Degree, Integrated Program
- Five Year ABET Accredited Professional Degree
- Graduation: Fall 2007
- Passed FE exam Oct. 2006
- GPA: **3.55/4.00**

Greece Athena High School 1998-2002 *Rochester, NY*

RELATED COURSE WORK

- Advanced Steel and Steel Connections Design
- Advanced Wood Design
- Advanced Concrete Design
- Building Failures and Forensics
- Advanced Architectural Acoustics
- Engineering Mechanics
- 5th Year Thesis– 555 12th Street – Oakland, CA
- Construction Management
- Indeterminate Structures
- Masonry Design
- Geotechnical Engineering
- Earthquake Design

Website: <http://www.arche.psu.edu/thesis/eportfolio/2007/portfolios/erm159/>

WORK EXPERIENCE

Bergmann Associates *Rochester, NY* *Summer 2006*

- **Structural Intern for buildings group of Arch. and Eng. Firm**
 - Designed joists, girders, beams, columns and foundation for a Wal-Mart Super center in Massena, NY
 - Calculated design wind loads for building in Hurricane region of Miami, FL
 - Conducted several site visits investigating existing structural systems for stability
 - Performed calculations that led to written reports and proposals regarding site visits
 - Reviewed shop drawings and produced structural drawings in AutoCad

The Pennsylvania State University *University Park, PA* *Fall 2006*

- **Student Research Assistant – Beaver Stadium**
 - Working with an AE faculty member on the instrumentation and vibration data collection in a stadium structure
 - Experiments performed during football games and in empty stadium conditions

ACTIVITIES/HONORS

- Architectural Engineering Honor Society Inductee– Phi Alpha Epsilon – (2006)
- Structural Engineers Association (SEA)
- Student Society of Architectural Engineering (SSAE)
- Deans List 5 semesters
- Ryan-Biggs Assoc. Scholarship recipient (2006)
- Gladys M. Baird Architectural Engineering Scholarship (2006)
- Intramural Sports- Basketball, Softball, Football

COMPUTER SKILLS

- AutoCAD
- Microsoft Office(Excel, Word, PowerPoint)
- Adobe Photoshop
- PCA Column
- RAM Structural System
- Macromedia Dreamweaver
- ETABS and SAP

REFERENCES

Available upon Request.