

# Michael J. Steehler

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*Current Address*  
234 Sunrise Terrace  
State College, PA 16801

*Permanent Address*  
142 Timarron Tr.  
Rochester, NY 14612

## OBJECTIVE

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To obtain a challenging and educational summer internship in the structural design of buildings, with the ultimate goal of full-time employment upon graduation.

## EDUCATION

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|--|----------------------------|---------------|
| <b>The Pennsylvania State University</b> | <i>University Park, PA</i> | 2002– present |
|--|----------------------------|---------------|
- o Master in Architectural Engineering (B.A.E./M.A.E.), expected Dec. 2007
  - o Structural focus
  - o 5 Year, ABET Accredited program
  - o Cumulative GPA: *3.64 / 4.00*
  - o Scheduled to take FE Exam April 2007

## RELEVANT COURSEWORK

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Indeterminate Structures	Design of Wood Structures
Advanced Steel Design	Architectural Design
Steel Connections	Construction Management
Advanced Concrete Design	Building Failures & Forensics
Masonry Design	Earthquake Design
Foundation Design	Modern Structural Systems

### *AE Senior Thesis – Currently in progress*

- o Year long capstone project of the well-recognized Penn State Architectural Engineering program involving structural analysis and redesign of an existing building, as well as non-structural breadth topics
- o Based on the University of Rochester BME/Optics Building – a five-story laboratory and office facility with unique structural challenges
- o My thesis e-Portfolio can be viewed on the web at:  
[www.arche.psu.edu/thesis/ePortfolio/2007/portfolios/MJS587](http://www.arche.psu.edu/thesis/ePortfolio/2007/portfolios/MJS587)

## RELATED EXPERIENCE

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|--|---------------------------|
| <b>SWBR Architects &amp; Engineers</b> | Summer 2006/ January 2007 |
| <b>Structural Intern</b>               | Rochester, NY             |
- o Extensive structural design and drafting work on a variety of diverse projects, including the Steuben County Sheriff's Dept. in Batavia, NY
  - o Helped maximize productivity in the structural department by updating, standardizing, and organizing typical structural details
  - o Developed a better understanding of the construction process through several site visits
  - o Gained invaluable experience in a design firm setting

## COMPUTER SKILLS

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AutoCAD / ADT 2007	Microsoft Excel
RAM / RAM Advanse	Adobe Photoshop
ETABS	Dreamweaver web design
SAP	

## ACTIVITIES / HONORS

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- o Melvin H. Peters Endowed Scholarship in Architectural Engineering
- o Dean's List: 7 consecutive semesters
- o Phi Alpha Epsilon – Architectural Engineering Honor Society
- o Structural Engineers Association (SEA)
- o National Society of Collegiate Scholars (NSCS)

- References available upon request -