

# MICHAEL A. TROXELL

## Home Contact

1690 Bowmansville Rd.  
Mohnton PA, 19115  
Phone: 717-445-7032  
Cell: 717-471-4052  
Thesis website: <http://www.arche.psu.edu/thesis/eportfolio/current/portfolios/mat265/>

## School Contact

807 W. Beaver Ave.  
State College, PA 16801  
Phone: 717-471-4052  
Email: [mat265@psu.edu](mailto:mat265@psu.edu)

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## Objective:

To obtain an internship position for Summer 2006 in which I can gain experience and use my education to contribute to a company in the structural engineering field.

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## Education

- The Pennsylvania State University, University Park, PA** 8/01 - present
- **Bachelor of Architectural Engineering – Structural Systems Option**
  - Five year professional degree, ABET accredited
  - Integrated Bachelor and Masters of Architectural Engineering program
  - Cumulative GPA: 3.34/4.0
  - Expected Graduation: Dec. 06 BAE, MAE
  - Passed the Fundamentals of Engineering Exam, become EIT upon graduation

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## Work Experience

- CivilSmith Engineering, State College, PA** 9/05 – present
- Designed hollow core concrete plank floor systems
  - Performed calculations for precast concrete members
- Opela Worx Structural Engineers Inc., Scottsdale, AZ** 5/05 – 8/05
- Designed structural members of custom houses
  - Put drawing packages together and did general drafting
  - Worked under PE to learn more about structural engineering
- C. B. Structures, New Holland, PA** 6/01 – 1/05
- Worked on various construction crews to build custom pole buildings (3 summers)
  - Worked with engineer to analyze job specifications to determine materials needed for individual jobs (1 summer plus all school breaks)
  - Interacted with sales staff to understand customer expectations (1 summer plus all school breaks)
- Esbenshade's Greenhouse, Adamstown, PA** 6/99 – 5/01
- Worked in greenhouse as an after school job in high school

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## Technical Skills

- AutoCAD LT/2000/2002/2004/2005
- Windows 95/98/ME/NT4/2000/XP
- Microsoft Office 97/2000/XP
- EnerCalc

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## Activities

- Worked with Habitat for Humanity to help build a house (Fall 2002)
- Structural Engineers of America and Student Society of Architectural Engineers (2003 – Present)
- Participated in various Intramural team sports (2001 – Present)
- Member of Reformed University Fellowship (2005 – Present)

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References - Available upon request.