

# Michael R. Hopple

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**OBJECTIVE:** To obtain an entry position in Architectural Engineering with an emphasis in analysis and design of structural systems that will aid in education towards professional licensure.

**EDUCATION:** The Pennsylvania State University, University Park, PA  
Bachelor of Architectural Engineering, scheduled to graduate May 2008 – Structural Option  
Five year, ABET accredited professional degree  
Cumulative GPA: 3.04/4.00

## WORK

**EXPERIENCE:** **Structural Intern** TRC Worldwide Engineering Precast Concrete Group, York, PA  
Summer of 2007

- Produced and detailed shop drawings of pre-cast concrete parking garage
- Designed pre-stressed structural pieces for Golden Triangle Commuter Parking Garage in New Jersey
- Designed spreadsheets for various engineering calculations

**Structural Intern** Baker, Ingram & Associates, Lancaster, PA  
Summer of 2006

- Processed shop drawings of multiple structural disciplines
- Performed numerous engineering tasks on a variety of projects
- Helped with clerical and other office duties

**Lawn and Garden Sales Associate** Home Depot, York, PA  
Summers of 2004 and 2005

- Assisted customers with purchases of lawn equipment, gardening tools, flowers, plants, and trees
- Arranged and organized sales displays
- Operated forklifts to stock merchandise

## RELATED

**EXPERIENCE:** **Research Assistant** Penn State Architectural Engineering Department  
Spring Semester 2007-Current

- Assisted graduate students with research projects by fabricating and constructing various components for UV lamp mechanical test loop and UV lamp control room
- Designed and detailed UV lamp test section apparatus
- Tested masonry wall sections for flexural and shear strength

**Construction Coordinator** Penn State Habitat for Humanity  
Academic Year of 2005 and 2006

- Responsible for work and supervision of a student built house
- Coordinated and directed skills training and building workshops
- Worked closely with Tri-County Habitat Site Coordinator and Building Committee

**ACTIVITIES:** Board Secretary, Penn State Habitat for Humanity (2004-2005)  
Intramural Sports (2003-2007)

**SPECIAL SKILLS:** Auto CAD 2008, Staad-Pro, RAM Structural System, iLevel TJ-Beam, Leap Presto, Microsoft Office, Public Speaking, Carpentry

**REFERENCES:** Available upon request