

# CARL J. HUBBEN

PENNSTATE



E.I.T. upon graduation  
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Current Address:  
207 W. Hamilton Ave.  
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## OBJECTIVE:

To obtain an entry level position at a structural engineering firm where I can apply my education and continue to learn about the structural design of buildings.

## EDUCATION:

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

BAE/MAE, concentration in Structural Engineering

Minor in Architectural Studies

ABET Accredited

5 year professional degree, May 2011

Cumulative GPA: **3.72/4.0**

### Structural Courses:

- Advanced Steel Design
- Advanced Concrete Design
- Masonry design
- Steel Connections
- Indeterminate Structures
- Computer Modeling
- BIM Studio
- Building Failures

### Relevant Courses:

- Electrical/Illumination Systems
- Fundamentals of HVAC
- Architectural Acoustics
- Architecture and Planning

**Senior Capstone Project:** 14 story, 650,000 SF post-tensioned, lead silver office building

Up to date website: <http://www.engr.psu.edu/ae/thesis/portfolios/2011/cjh5105/index.html>

**Sede Di Roma Study Abroad**, Rome, Italy

Summer 2008

Earned 12 credits during 7-week program

3.84/4.0

- Intensive AE courses in Ancient and Roman Medieval Structures, Urban Studies, and Architectural Analysis

## EXPERIENCE

**Ryan-Biggs and Associates**

Summer 2010

Skaneateles Falls, NY

Intern

Structural Engineering

- Structural design- Worked on a variety of projects in steel, concrete, masonry, and wood.
- Special inspections- Assessed the integrity of the construction methods and wrote reports explaining what was found
- Computer modeling- Created a RAM model that was used for the lateral analysis and design of a 5 story building

**Teng and Associates**

Summer 2009

Richmond, VA

Intern

Mechanical Engineering

- Technical writing- Used my field notes to write reports that were delivered to clients
- Energy analysis- Determined the energy uses within a building and suggested alternative, more efficient systems

**Allen and Killcoyne Architects**

Summer 2007

New York, NY

Intern

Architectural Design

- Site evaluations- made field drawings and took measurements of existing conditions
- AutoCAD drafting- created multiple reflected ceiling plans for building renovations

## ACTIVITIES AND HONORS:

- Dean's List every semester
- Delta Tau Delta Fraternity
  - Dance Marathon
- Department scholarship recipient
- S:PACE, Structural Rep.
- ASCE, Member
- SEA, Member

## COMPUTER SKILLS:

- Revit Structures, AutoCAD, ETABS, SAP2000, RAM, RISA 3D, STAAD, Microsoft Office