

Angela H. Mincemoyer

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Objective:

To obtain a full-time position which focuses on the structural aspects of Civil or Architectural Engineering, with possibly a specialization in bridges, so that I may broaden my knowledge and gain new experiences while dedicating my efforts toward benefiting a growing company.

Education:

Penn State University | University Park, PA

Bachelor of Architectural Engineering –Structural Option

Cumulative GPA 3.95

Graduation in May 2014 – Engineer in Training (E.I.T.) upon graduation

Experience:

Grader for Design of Concrete Structures for Buildings | Penn State | Aug 2013 to May 2014

- Review, leave feedback, and grade students' homework

Summer Intern at Glenco Inc. | Middleburg, PA | May 2012 to June 2014

- Performed a variety of structural calculations including sizing headers and beams, as well as completing rafter designs
- Performed a variety of engineering and drafting services that ranged from drafting modular homes and window designs to simple heat and material calculations
- Utilized Excel and Glenco's customizations on AutoCAD to complete my work

Teaching Assistant for Working Drawings | Penn State | August 2011 to May 2013

- Help to aid students in the learning process while working on Autodesk Revit Architecture in the classroom
- Review, leave feedback, and grade students' homework, quizzes, and projects

Completed Courses:

Introduction to Structural Analysis

Indeterminate Structures

Design of Steel and Wood Structures for Buildings

Advanced Steel Design for Buildings

Design of Concrete Structures for Buildings

Advanced Concrete Design for Buildings

Computer Modeling of Building Structures

Geotechnical Engineering for AE Majors

Analysis and Design of Steel Connections

Design of Wood Structures

Comprehensive Senior Thesis Project

Architectural Design Analysis

Senior Thesis Project:

- Verify existing design of a 4 story composite steel office building located in Ithaca, NY
- Redesign the office building to be a reinforced concrete system
- Redesign the adjacent pedestrian bridge structurally and architecturally

Honors & Organizations:

AISC Education Foundation Scholarship

Student Society of Architectural Engineers

Ryan-Biggs Associates Scholarship

Structural Engineers Association

Potter Scholarship for AE

The National Society of Collegiate Scholars

McKamish Trustee Scholarship

Golden Key International Honour Society

Kapitanoff Memorial Scholarship

The Blue & White Society

Coldron Family Trustee Scholarship

Alpha Lambda Delta

Edna R. Schwab Scholarship

Skills:

AutoCAD Autodesk Revit Architecture

Microsoft Office

Spanish

RISA ETABS SAP2000 SPslab

SPbeam

SPcolumn

STAAD

StrucCalc