

Objective:

To obtain a full time position after December 2009 along with an internship position, during the summer of 2009 in Architectural and Structural Engineering; while contributing to and further learning the profession.

Education:

The Pennsylvania State University, University Park, PA 2004-2009

Integrated B.A.E./M.A.E. in Architectural Engineering (structural emphasis)

5 year Professional Degree with ABET accreditation

Graduation Date: December 2009

Minor: Engineering Mechanics

Cuml. GPA: 3.48/4.0, Minor GPA: 3.61/4.0, Master's GPA: 3.59/4.0

Work Experience:

Design Intern- Hope Furrer and Associates Inc.

Summer 2008

- Designed sections of a \$20 million Athletic Stadium.
- Designed a methane pumping station structure from the roof to foundation system.
- Checked concrete column designs with PCA Column for a laboratory.
- Modeled a laboratory facility in schematic design with RAM.
- Checked and verified shop drawings for a \$100 million Athletic Complex.

Teaching Assistant- The Pennsylvania State University

January 2008-Present

- Graded papers for the steel and concrete design classes.
- Answered questions of students and help prepare them for exams.
- Proctored exams and created homework problems.
- Wrote instructions for a computer program assignment.

Carpenter-D.L. Enterprise

1996-2007

- Constructed residential additions and remodeling.
- Designed layouts and material selections for spaces.

Related Courses: * denotes spring semester

Advanced Steel and Concrete Design

Soils and Foundations

*Earthquake Engineering

Masonry Design

Steel Connections

*Pre-stressed/PT Concrete Design

Computer Modeling

Wood Design

*Fracture Mechanics

Computer Skills:

AutoCAD 2002-08

PCA Column

Enercalc 6.0

SAP 2000

ETabs

Revit 9.0/9.1/Structure

STAAD Pro 6

Risa-3D 7.1

RAM Products

Activities/Awards/Organizations:

AISC and ACI

Simpson Strong-Tie Company Structural Scholarship Recipient

Melvin H. Peters Endowed Scholarship in AE Recipient

Dean's list: Fall 04, Sp.05, Sp.06, Sum.06, Fall 07, Sp.08

Secretary of the Structural Engineering Association-Penn State Branch (SEA)

Science Fiction and Fantasy Novel Writer