

Stephen J. Pfund

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Objective To secure full time employment with a dynamic structural design firm and to gain experience toward professional status as a certified structural engineer.

Education **Pennsylvania State University, University Park, PA**

- Fall 2006 to present, 3.66 GPA cumulative, 131 total credits
- Architectural Engineering- M.A.E/B.A.E integrated degree, 5.5-year program
- Expected Graduation Date: December 2011
- 2010 Louis and Judy Geschwindner Endowed AE Scholarship
- 2009 Robert J. McNamara AE Scholarship
- Dean's List- 6 semesters
- Major Courses for 2010-2011: IPD/BIM Thesis, Earthquake Resistant Design for Buildings, Design of Steel Connections, Reinforced Concrete Frame Independent Studies, Masonry Design, Geotechnical Engineering.
- Classes Completed in Major include: BIM Design Studio, Advanced Computer Modeling for Structures, Advanced Steel and Concrete Design, Wood Design, Indeterminate Structural Analysis, Dynamics, Architectural Acoustics, HVAC Fundamentals, Lighting/Electrical Systems for Buildings, Thermal and Fluid Sciences, Building Industry.
- Structural Programs: SAP, ETABS, RAM, StructurePoint (PCA), STAADpro, RISA 3D, Revit

Amity Regional High School, Woodbridge, CT

- Graduated Spring 2006 with First Honors, 3.67 GPA

Professional Development

- EIT upon graduation (FE certificate)
- Member of Student Structural Engineering Association, SEA
- Phi Alpha Epsilon, Engineering Honor Society, Inductee 2010

Experience **The Pennsylvania State University**

Summer 2010 to present, MS Research Preparation

- Research on high performance reinforced concrete frames subjected to hysteretic displacement reversals with specific focus on ultra-high strength steel and steel hooked fibers.
- Completed work includes construction of reinforcing cages, formwork, and the casting of multiple concrete frame elements, test cylinders, and beams, for future research and testing. Testing and data acquisition has commenced
- Results will inform industry reinforced methods, design standards, and code development

The Pennsylvania State University

Spring 2010, Research Assistant

- Assisted PHD Candidate with structural research.
- Performed testing protocol and data acquisition.
- Proposed and implemented modifications to testing apparatus.

The Lighting Quotient, West Haven, CT

Summer 2009, Winter 2009-2010, Applications Engineering Intern

- Performed lighting analysis using AGI32.
- Served as BIM Research/Creation Specialist to develop luminaire family libraries and cataloging framework.

Antinozzi Associates(Architecture and Interiors), Bridgeport, CT

Summer 2007, Summer 2008, Intern

- Editing and creating of construction documents