

Michael J. Stremski

514 Marjorie Drive, Dunmore, PA 18512 ■ Cell: (570) 614-9392 ■ Email: mstremski@gmail.com

PROFILE

Results-driven professional seeking an entry-level opportunity as a structural engineer. Strategic and comprehensive thinker able to utilize skills and knowledge acquired through experience and education. Recognized for strong work ethic, attention to detail, technical expertise, and communication skills.

EDUCATION

The Pennsylvania State University ■ University Park, PA
Architectural Engineering (Structural Option) ■ B.A.E. / M.A.E. Degree
ASCE Annual AE Student Design Competition – 1st Place Nationally for Structural Design
E.I.T. Status upon Graduation (May 2013) ■ Cumulative GPA: 3.84 / 4.00

PROFESSIONAL AND DESIGN EXPERIENCE

ASCE Architectural Engineering Student Design Competition (August 2012 – February 2013)

- Member of an integrated team responsible for designing the engineering systems for a proposed elementary school as part of senior thesis
- Designed and modeled entire structural system (foundation, gravity, and lateral) while collaborating with other team disciplines such as construction, mechanical, and lighting/electrical
- Addressed various structural engineering challenges through innovative and efficient design

Reuther+Bowen; Dunmore, PA (March 2013, December 2012, Summer 2012)

- Modeled entire substructure and superstructure of a large-scale hospital for use in the building information modeling process
- Drafted structural details for use in various projects

PennDOT Engineering District 4-0 Bridge Design; Dunmore, PA (Summer 2012 and 2011)

- Designed structure and prepared drawings for a concrete slab bridge replacement
- Performed hydraulic analysis and prepared drawings for an emergency retaining wall repair and a concrete elliptical pipe bridge
- Assisted in bridge maintenance contracts, including project scoping, design, plan preparation, and quantity estimation
- Assisted in permit submission for several projects
- Participated in project field views for scoping and interagency meetings for permit applications

Greenman-Pedersen, Inc.; Scranton, PA (Summer 2010)

- Performed design and drafting work for structural department
- Worked extensively with framing plans, structural details, and other various construction drawings/documents
- Received first-hand experience with the drawing submission process along with communication between engineers and architects, contractors, etc.

SKILLS & ABILITIES

Steel Design	RAM Structural System	Revit Architecture/Structure
Concrete Design	RAM Elements	AutoCAD 2013
Foundation Design	ETABS / SAP 2000	MicroStation V8i
Masonry Design	STAAD.Pro V8i	Microsoft Office
Wood Design	ASCE 7-10 Wind/Seismic Analysis	Adobe Photoshop

MEMBERSHIPS & AWARDS

Dean's List (All Semesters to Date)
Indeterminate Structures (AE 430) and Masonry Design (AE 432) Teaching Assistant at PSU
National Society of Collegiate Scholars (NSCS) Penn State Chapter – Treasurer (2010-2012)
Phi Eta Sigma National Honor Society
Architectural Engineering Institute of the American Society of Civil Engineers
Bemis Scholarship and New Economy Technology Scholarship (NETS) Recipient