

Samantha deVries

Collegeville, PA • (610) 405-3681 • sjd5225@psu.edu

Education

Working towards B.A.E./M.A.E in Architectural Engineering

The Pennsylvania State University, University Park, PA

Eligible for E.I.T. upon graduation

Schreyer Honors College Scholar

Relevant Coursework: Building Performance Failures Advanced Steel/Concrete Design
 Computer Modeling of Buildings Thesis Studio BIM Studio

Structural Option; Expected Graduation: Fall 2015

GPA 3.78/4.0

Work Experience

Rathgeber/Goss Associates

Structural Engineering Intern in Rockville, MD

May-August 2014

- Assisted in design of new structures and renovations to existing structures
- Prepared structural documents for submission and recorded the results at a concrete garage survey

Appalachia Service Project:

Center Director in Washington County, VA

May-August 2013

- Managed the project schedule and \$40,000 budget for 28 homes repaired in an ASP county
- Responsible for ensuring the quality work and continual improvement of 3 center staff

Center Staff in Letcher County, KY and Mingo County, WV

May-August 2011 and 2012

- Supervised 60-80 volunteers and managed building supplies for three projects weekly involving emergency home repair and renovation
 - Responsibilities include interviewing families for project selection, managing tool and supply inventory, training volunteers in safety and quality building practices, and promoting positive community relationships
-

Leadership and Activities

Volunteer Climbing Instructor

State College YMCA

fall 2012 – present

- Foster community involvement in the sport of rock climbing by working with other volunteers as a belayer and instructor at the local YMCA

President, Founder, Penn State Global Architecture Brigades

Pennsylvania State University

fall 2011- spring 2013

- Recruit and engage chapter members in discussions of international development issues and volunteer projects
- Organized a team of twelve volunteers to help construct a school in Honduras

Member, Structural Engineers Association, fall 2013 – present

Cellist, Various Penn State Music Ensembles, fall 2010-present

Member, Student Society of Architectural Engineers, fall 2011 – present

Skills

- SAP 2000, Revit, STAAD, RISA 2D, RAM, Google SketchUp, Adobe Photoshop
- CPR and First Aid Adult/Child/Infant Certification
- Belaying and Roped Tree Climbing