

Sarah A. Bednarcik

Campus Address

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Permanent Address

5129 Old Carriage Road
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EDUCATION

B.A.E./M.A.E. Architectural Engineering – Graduation May 2013

THE PENNSYLVANIA STATE UNIVERSITY, University Park, PA

THE SCHREYER HONORS COLLEGE

EIT license upon graduation

3.62 GPA

RELEVANT COURSES & SKILLS

AutoCAD

Indeterminate Structures

SAP2000

ETABS

Steel Design & Connections

Concrete Design I & II

Masonry Design

Earthquake Engineering

Structural Analysis

STAAD

Wood Design

Foundations & Soils

WORK EXPERIENCE

Structural Analysis Teaching Intern

August 2012-Present, The Pennsylvania State University

- Teaching practicums and giving feedback to students through assessing their work
- Leading review sessions for students who need more assistance

Structural Engineering Intern

May 2012-August 2012, Engineering Ministries International

- Designed and detailed multistory concrete structure for project in Sierra Leone
- Managed multi-person international team to meet end of summer completion
- Assisted other interns with implementation of AutoCAD software

Structural – Mechanical Engineering Intern

May 2011-January 2012, Lehigh Valley Technical Associates

- Designed and detailed beam and mechanical plans for multiple industrial plants
- Managed work under multiple engineers

Student Athlete Tutor

August 2009-December 2011, Penn State University, MASCSA

- Tutored student-athletes individually in mathematics and Revit on a weekly basis

INTERNATIONAL EXPERIENCE

Service Learning: Kothavalasa, Andhra Pradesh, India (July 2010 - Present)

- Designed vocational school for the HOINA campus, collaborated with professional architect Don Leon throughout duration of the project
- Participated in physical construction of HOINA orphanage
- Educated students and staff in English language and school subjects

HONORS

Dean's List, multiple semesters

Penn State Licensing Program Academic Excellence Scholarship

Melvin H. Peters Endowed Scholarship

Bilheimer Engineering Scholarship

LEADERSHIP & INVOLVEMENT

Penn State Navigators, Bible Study Leader

Penn State University Swim Club