

Rory A. Engineer

rory@pitt.edu • 412-345-6789

EDUCATION

University of Pittsburgh, Pittsburgh PA
Bachelor of Science in Civil Engineering
GPA: 3.66

Graduated: April 2020

INTERNATIONAL EXPERIENCE

Senior Design Project, Panama

March 2020

- Designed and implemented water treatment and distribution system for small community
- Constructed pedestrian bridges and porch to be used by residents
- Gained experience working as a construction manager on various projects

Semester Exchange Program, University of Birmingham, UK

February-June 2017

- Enrolled in courses within the Civil/Structural Engineering department
 - Backpacked around Western Europe and engaged with diverse individuals
-

WORK EXPERIENCE

American Bridge Company, Coraopolis, PA

May-August 2019

Construction Engineer Intern

- Created girder erection sequence drawings with AutoCAD
- Developed structural model of bridges using SAP2000
- Gained experience in blueprint reading, as well as preparation of maps and plans
- Presented to senior management team on final projects involving roadway designs and improvements, solutions easing traffic congestion and replacement of deteriorating bridges

Mascaro Construction, Pittsburgh, PA

Summer 2016 & 2017

General Laborer

- Performed maintenance and construction work on local businesses
 - Handled routine repairs, such as installing or repairing electrical wiring, plumbing, drywall, and painting
 - Strictly adhered to the company's safety rules, regulations, and procedures to ensure safety of coworkers
-

SKILLS

AutoCAD, Procore, SAP2000, Excel, Concrete Design, Steel Design, Microsoft Office

LEADERSHIP & COMMUNITY INVOLVEMENT

American Society of Civil Engineers (ASCE)

August 2017-Present

Secretary

August 2018-April 2019

- Steel Building Design Project: Created an extensive 50-page design report for a seven story steel frame office building. Performed extensive calculation to design efficient and structurally sound columns, floor systems, and lateral wind bracing

Habitat for Humanity

August 2017-August 2019

- Assisted individuals within the greater Pittsburgh area with construction and repair on homes

Animal Friends Shelter

June 2016-June 2017