

# Max Power

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## EDUCATION

Temple University, College of Engineering  
**Bachelor of Science in Civil Engineering**  
GPA: 3.2

Philadelphia, Pennsylvania  
Graduation Expected: May 2021  
Dean's List Spring 2018, Fall 2018

Selected Courses: Engineering Graphics, Surveying, Engineering Statics, Civil Engineering Materials

## RELEVANT EXPERIENCE

Temple University  
Pennsylvania

Philadelphia,

### **Cylindrical Concrete Design Project**

October 2018–December 2018

- Designed a concrete sample based on the given design criteria with a team of five students
- Mixed concrete that withstood 12,000 psi during a compression test
- Determined the strength of the cylindrical concrete using a Tinius Olsen testing machine

Jacobs Engineering

Conshohocken, Pennsylvania

### **Piping and Stress Engineer Intern**

May 2018-August 2018

- Verified measurements and checked for interference of piping systems within 3D model of pharmaceutical plant using Navisworks
- Modeled piping system, equipment, restraints, and supports in Caesar to analyze for failure using equipment and isometric drawings
- Interpreted values produced from stress analysis and compared with allowable stresses to determine if changes to the system needed to be made

Temple University

Philadelphia, Pennsylvania

### **Truss Bridge Design Project**

October 2017 – December 2017

- Designed a Pennsylvania truss bridge utilizing AutoCAD
- Applied loads to test bridge strength using SolidWorks
- Built the bridge using balsa wood and tested the strength of the physical bridge in a laboratory

## ADDITIONAL EXPERIENCE

Target Corporation

Philadelphia, Pennsylvania

### **Guest Service Attendant**

January 2016-Present

- Provide excellent customer service to hundreds of guests each day
- Problem solve guest concerns in a timely manner by communicating and collaborating with a 30+ person team of employees and managers each shift

## PROFESSIONAL AFFILIATIONS

American Society of Civil Engineers

May 2018-Present

## SKILLS

Computer: AutoCAD, SolidWorks, Navisworks, Microsoft Office (Excel, PowerPoint, and Word)

Language: Spanish (Native Fluency)