

212B Nittany Hall  
University Park PA, 16802

28 Brownstone Drive  
Avon CT, 06001

## Sarah Kane

[sck5246@psu.edu](mailto:sck5246@psu.edu) | 860-729-7428

### EDUCATION

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#### **The Pennsylvania State University, College of Engineering**

University Park,

PA

Civil Engineering Major

Class of 2021

Minor: Engineering Leadership Development

#### **Avon High School**

Avon, CT

Date of Graduation: June 2017

Honors Roll: 8/8 semesters

### RELEVANT EXPERIENCE

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#### **EDSGN 100 Client- Driven Engineering Design Project Competition**

Pennsylvania State University

*People's Choice Winner*

April 2018

- Communicated directly with Lockheed Martin, to create a product which encompassed all requirements of an innovative product
- Worked in a team of four to develop a product which would satisfy technical feasibility, economic viability and product desirability
- Evaluated current products on the market and developed a creative device with improved functionality

#### **Mallory Industries**

Farmington, CT

*Manufacturing Aerospace Engineering Internship*

May-August 2016

- Configured and Edited parts in order to program the machinery
- Analyzed drawing and edited blueprints on AutoCad
- Communicated Directly with Clients and Co-workers about production efficiency

### LEADERSHIP EXPERIENCE

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#### **Challenger Sports (British Soccer Company)**

2016-2017

*Coach*

- Collaborated with other coaches to create an innovative curriculum that develops the abilities of players
- Integrated a high intensity, high level training program which mentored players and helped develop the players self confidence and skills

#### **Habitat For Humanity (Avon Chapter)**

2013-2017

*President and Cofounder of Personal Chapter*

- Participate in local builds and raise money to help fund the building of houses for low income families

### ADDITIONAL ACTIVITIES

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Trilogy THON Organization

2017-Present

Women in Engineering Program (WEP)

2017-Present

College Republicans

2017-Present

### COMPUTER SKILLS

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#### **Software**

- Microsoft Office
- Computer Aided Design (CAD)
- SolidWorks