

# Zack Anderson

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## Mission Statement:

- As a creative and hardworking person, I believe I would fit well in any work sphere. I strive to create means of advancement and to help those around me succeed. With my drive and ability to motivate, I can be a valuable asset to any team.

## Education:

### MECHANICAL ENGINEERING | UNIVERSITY OF UTAH

**EXPECTED GRADUATION: 2021**

- Emphasis in Sustainability Engineering
- Minor in Physics
- 3.1 GPA

### HIGH SCHOOL DIPLOMA | BARRINGTON HIGH SCHOOL

**2016**

- Top 15% of class
- Participated in the PLTW (Project Lead the Way) Engineering Program

## Experience:

### DEVELOPMENT AND OPERATIONS INTERN | NOK | BERLIN, GERMANY

**6/2018 - 8/2018**

- Helped build their website and integrate their Excel and WordPress operating systems to function efficiently
- Led the social media marketing team and worked with the sales division to expand their customer base
- Designed a more effective operating system for managing day to day tasks

### LIFEGUARD | BARRINGTON HILLS COUNTRY CLUB

**6/2015 - 9/2016**

- Maintained the pool grounds as well as the safety of club members and guests. My team and I were frequently celebrated for our attention to detail and friendliness.

### SERVER | SU CASA

**5/2017 - 8/2017**

- Learned how to cater to the customer's needs and stay on top of urgent tasks

## Class Work:

- Led a group that designed and programmed an automated ping pong ball launcher that could accurately hit targets a meter away using a picture as the only input.
- Built a water pump that pumps five gallons per minute on a budget of fifty dollars.
- Designed and programmed a pinball machine.
- Constructed a sorting machine that utilizes detectable material differences to accurately sort various objects.

## Extracurriculars:

- Building custom pairs of skis while still being cost efficient to bring affordable skis to college students.
  - Used AutoCAD to design the layout and shape of the skis accurately.
- Aerospace Club
  - Designed the parachute and deployment of both the parachute and drogue chute.
- Member of Phi Delta Theta Fraternity.

## Skills:

- SOLIDWORKS CSWA Associate Certificate
- Excellent C++ and MATLAB programming skills
- Conversational in German
- Dean's list for 2016-2017 school year
- CAD
- Data Analysis