

# Elizabeth Smith

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## Education

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Bachelors of Science Mechanical Engineering University Honors Program	<b>University of Cincinnati, OH</b>	Class of 2018 <b>GPA: 3.93/4.0</b>
Academic Honors Diploma Class rank: 1/165, Valedictorian	<b>Bellevue High School, Bellevue OH</b>	Class of 2013 <b>GPA: 4.0/4.0</b>

## Work Experience

### **FECON, Lebanon OH**

*Design Engineering Co-op* (January 2015-Present)

- Create and update 3D for laser cuts, welds and assemblies of forestry equipment parts
- Design fixtures to aid in the welding process of production parts

### **University of Cincinnati, OH**

*Teaching Assistant- Engineering Foundations* (August 2014- December 2014)

- Assist freshman in hands-on labs, which exhibit basic principles seen in different engineering disciplines
- Responsible for grading lab reports while providing timely and constructive feedback

### **Bellevue Manufacturing Company, Bellevue, OH**

*Engineering Office Assistance* (June 2012- August 2014)

- Converted 2D AutoCAD drawings of tooling parts into 3D models using SolidWorks
- Researched, observed, and wrote standard procedure for the in-factory heat treatment process of D-2 tooling steel
- Designed/assembled new Blank Die Set in SolidWorks - components include layouts of upper and lower plates, rings, punches, punch mounts, strippers, locations of cutters, and an underside support. Used to punch 11.080" steel blanks
- Created a floor plan layout for implication of a conveyor belt system and scrap trailer location
- Designed a magnetic hoist for easier lifting of heavy tooling off lower shelves and onto lathes

### **Cold Rush Dairy Bar, Bellevue, OH**

*Crew Leader* (March 2011- October 2012)

- Responsible for leadership of other employees and allocating tasks to be accomplished
- Made change for customers, and monitor/keep cash registers well-supplied
- Provided timely and friendly service to customers

## Computer Skills

Proficient in Microsoft Word, PowerPoint, SolidWorks, and Excel. Experienced in MATLAB, CAM2 (SmartInspect), and DraftSight.

## Achievements

- Tau Beta Sigma- National Honorary  
Band Service Sorority
- Cincinnatus Scholarship Recipient
- Dean's List
- University Honors Program

## Activities

- Bearcat Bands member (marching band, concert band, pep band, and clarinet choir)
- Engineers Without Borders- Secretary
- Young Life UC

## Community Service

- Education committee for EWB
  - Taught/mentored juniors in Engineering at Hughes High School
- Project MORE mentor
  - Assisted and taught second graders in reading and comprehension