

# Hannah Johnson

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Forward thinking Mechanical Engineering student attending the University of Florida School of Engineering. Highly analytical and performance driven demonstrating leadership skills through clubs and organizations.

## Professional Experience

### Design Engineer Intern Catrike

May 2015 - August 2015

- Designed and manufactured multilevel tire racks for the manufacturing line to improve production time performance.
- Created an in depth parts list, price calculator, and engineering documentation log of tire rack project.
- Provided mechanical support to manufacturing line machinery.
- Created, reviewed, and updated SolidWorks drawings for processes being outsourced overseas to facilitate cost reduction.
- Upgraded Lean Manufacturing systems to increase worker assembly time on the manufacturing line.
- Utilized team leadership, effective communication and collaboration skills as a part of the design team for product development.

## Leadership

### External Programs Coordinator ASME UF August 2015 - May 2016 (American Society of Mechanical Engineers)

- Coordinated interactive opportunities with companies in Gainesville and surrounding cities.
  - Speaker engagements
  - Tours
  - Industry demonstrations

## Organization & Professional Involvements

### SWE's Rube Goldberg Design Team September 2016 - Present

- Team member of the newly organized Rube Goldberg Design Team involved in all aspects of design and development for the competition project.

### Human Powered Vehicle Competition September 2014 - Present

- Collaborated with team members using critical thinking, designing, and testing skills to create a student made bicycle for the university held competition where teams from across the globe meet to compete.
- Professional associations
  - American Society of Mechanical Engineers
  - Society of Women Engineers
  - Florida Engineering Society

## **Education**

**Bachelor of Science in Mechanical Engineering**  
University of Florida

**Presently Enrolled – May 2018 (Graduation)**

## **Certifications & Technical Skills**

AutoCAD Industry Certification - May 2013

Programs: SolidWorks, LabVIEW, MS Office Suite (Word, Excel, Outlook, PowerPoint)

Machining Tools: mills, lathes, band saw, grinders, drill presses