

 **OBJECTIVE** US Citizen able to relocate for a Mechanical Engineering Co-op work assignment.

 **EDUCATION**

The University of Akron, Akron, Ohio **Fall 2012 – Present**

- Bachelor of Science in Mechanical Engineering
- Expected Graduation: May 2018

 **WORK EXPERIENCE**

Co-op: Manufacturing Engineer | Raytheon IDS | Andover, MA **Fall 2016**

- Wrote a program that acts as a readiness tool used by the manufacturing department
- Aided in creating First Article Inspection Report forms
- Assisted with Process Change Requests which cycled through the manufacturing department

Co-op: Quality Engineer | Raytheon IDS | Andover, MA **Spring 2016**

- Dispositioned non-conforming material
- Interacted with the suppliers associated with non-conforming material
- Performed First Article Verifications on suppliers' First Article Inspections
- Assigned Inspection Plans to parts and assemblies

Co-op: Design Engineer | Selas Heat Technology | Streetsboro, OH **Spring 2015**

- Independently wrote a program using VBA that automatically generates a SolidWorks 3D model, drawing, bill of materials, routing, material cost, price, and First Article Inspection Report from user inputs. Presented the program at the 2016 SolidWorks World Convention
- Created a formula for the manufacturing floor that calculates expected product outputs based on material inputs and machine settings. Decreased scrap produced by over 50%
- Reverse engineered historic parts and assemblies
- Designed and tested combustion systems
- Modernized historic production procedures
- Translated customer application requirements into functional specifications

 **SKILLS**

Systems Applications and Products (SAP/PRISM) | SolidWorks 2014-2016 | AutoCAD 2010-2015
MATLAB | Visual Basic for Applications (VBA) | Microsoft Excel, PowerPoint, and Word
Machining (mill, lathe, basic hand tools, power tools, soldering)

 **INVOLVEMENT**

Akronauts Rocket Design Team | President 2017 | Recovery Lead Engineer 2016

YESNET, RWN, and HOLA Employee Resource Groups | Active Volunteer

Raytheon Stand & Deliver | Middle School and High School Mentor

Society of Women Engineers | Volunteer Committee Chair 2013-2014

First Year Voices | Published Author

Women in Engineering Program | Awarded Woman of the Community 2013 and 2014 | Awarded 1st Annual Resident of the Year 2014

Kappa Kappa Gamma Sorority | Academic Excellence Committee | Public Relations Committee
Organization Committee | Photography Chairman | Awarded New Member of the Year | Awarded Most Involved Member

 **ACHIEVEMENTS**

Youngest Female Speaker - SolidWorks World 2016 | Taught a recorded session on the logic and programming of automated configurations to over 150 professional SolidWorks users and engineers
1st Place – Northeast Junk Boat Float | Designed a rideable boat made of only recyclable material and raced against other competitors

1st Place – National Robotics Challenge | Designed a sumo-bot within certain specifications and battled other competitor's bots