

SUMMARY:

Fifth year Mechanical Engineering student with experience in product development and analysis. Looking for career offers and opportunities that would allow me to utilize my studies at Michigan Technological University while also allowing me to effectively contribute to my employer.

EDUCATION:

Michigan Technological University
BS Mechanical Engineering | Minor in Manufacturing | Minor in Aerospace
GPA: 3.29 | Department GPA: 3.10

Houghton, MI
expected May 2023

WORK EXPERIENCE:

Ardisam Inc. Cumberland, WI
Mechanical Engineering Co-op: May 2021 – January 2022

- Designed and fabricated several pieces of quality control equipment for assembly line use
- Production and prototype development of electric outdoor power tools and accessories

Botley Robotics Plymouth, MI
Design Engineer: July 2020 – August 2020

- Designed, fabricated and tested the company’s first wave of autonomous sanitation units
- Created and maintained the company website

Webasto Inc. Auburn Hills, MI
Electrical Engineering Intern: July 2018 – August 2019

- Completed several sets of vibration, environment, sleep current and active current tests on incoming electric motors
- Helped establish a piece of DAQ equipment to record the amount of torque produced by a motor while testing
- Analyzed sunroof motor circuit boards for any defects and corrosion before and after testing

LEADERSHIP:

Multiplanetary Innovation Enterprise January 2020 – Present
Excavation Sub-Team Lead:

- Ensure that the excavation system is on track to complete goals that have been established by the project team

FIRST Robotics Competition Team 857 January 2019 – Present
Team Mentor:

- Help the next generation of innovators build skills in leadership, problem solving and critical thinking

SKILLS:

- Solidworks
- Siemens NX
- MS Office Products
- Tension & Compression Testing
- Dynamometer Testing
- MATLAB

CO – CURRICULAR INVOLVEMENT:

Pavlis Honors College, Honors College Student August 2018 – Present
Huskies Pep Band, Trumpet Player August 2018 – Present