

SUMMARY

Third-year Mechanical Engineering and Technology major looking to gain an internship with hands-on experience in manufacturing for the summer of 2024.

EDUCATION

Michigan Technological University Houghton, MI BS Mechanical Engineering Technology Expected: December 2024 GPA: 3.12 Department GPA: 4.0 Earned credits: 79	Washtenaw Community College, Washtenaw, MI Dual Enrolled during H.S. and summer classes 2017– 2021 GPA: 3.12 Earned Credits: 29
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WORK EXPERIENCE

Greenheck Fan Corporation – Testing Engineer Co-Op January 2023-August 2023

Project: Design a testing platform for limit switches and then conduct the testing while recording the data.

- Conducted metal fabrication for the testing platform
- Setup and operated the platform and furnace for heat testing

Farmington Hills Dept. of Public Works – Seasonal Laborer Summers of 2020-2022

- Leading storm damage crews
- Land Surveying
- Traffic control/Flagging
- Traffic counter installation

PROJECT EXPERIENCE

MINE Enterprise: AstroHuskies | 2023-Present | Team size: 50

Project: Design and fabricate a robot for NASA’s Robotic Mining Competition: Lunabotics

- Currently designing a new robot for this year's competition
- Following the systems of control design process

Belleville FIRST Robotics | 2017-2019 | Avg team size: 12

Project: Designed, manufactured, tested, and maintained FIRST robots

- Worked on intake systems, output systems, and climbing/lifting mechanisms
- Coordinating between team members and different teams

COMPUTER and TECHNICAL SKILLS

- NX 3D Modeling
- MATLAB
- MS Office & MS Excel
- Adaptability
- Leadership
- Team Management
- Communication
- Organization/Time Management
- Welding Experien

LEADERSHIP

Secretary, Copper Country Robotics Club at MTU September 2022 – Present

- Recording and organizing club documents and coordination within the club

Treasurer, Copper Country Robotics Club at MTU September 2021 – September 2022

- Efficient use and tracking of funds

CO-CURRICULAR INVOLVEMENT

Copper Country Robotics Club at MTU September 2019 – Present

- Providing mentoring to local high school students to promote STEM
- Constructing our own example robot for teams

Belleville FIRST Robotics 2017 – 2019

- Promoting STEM in K-12 through various activities and events
- Functioned as team leader and responsible for the climber systems

INTERESTS

Strategy Games | Reading | Swimming | Jet Skiing | DIY Projects