

ZAKARY T. WESSELS

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Summary

Senior Computer Engineering student at MTU with a minor in mathematical sciences. Maintains an overall 4.0 GPA at MTU while holding a leadership position in the Multiplanetary Innovations Enterprise. In search of a full-time position following graduation in May 2024.

Education

Michigan Technological University ~ *Computer Engineering Major, Mathematics Minor*

- Accelerated Java Programming
- Accelerated Linear Algebra
- Accelerated Differential Equations
- Programming at HW/SW Interface
- HW/SW Integration
- Data Structures, Computer Organization
- VLSI Design

Projects

Multiplanetary Innovations Enterprise ~ *Software Subsystem Lead* Fall 2022 – Spring 2024

- Created software responsible for acquiring and organizing sensor feedback from rover
- Lead a software team to develop full program for robot with a focus on autonomous processes

Poka Yoke Quality Assurance ~ *Pliant Plastics Intern* Fall 2016 – Spring 2020

- Developed PLC program to automatically test a vision processing system on the production floor
- Designed with a focus of intuitive use

Experience

TJ's Lawn care, Landscape, and Irrigation ~ *Landscaper* Summers 2022 – 2023

Michigan Tech Engineering Department ~ *LEAP Leader* August – December 2021

Pliant Plastics ~ *Program Management, Automation Engineering Intern* May – August 2021

Pizza Ranch ~ *Kitchen Specialist* December 2018 – August 2020

Ram Electronics ~ *Manufacturing Assistant* October 2017 – Spring 2020

Achievements

MTU:

- 4.0 Dean's List Fall 2020 – Present
- Calculus II Award
- Accelerated Diff. Eq. Award

High School:

- Graduated with 4.16 GPA
- Perfect attendance
- Salutatorian

Technology

- Solidworks, NX
- Excel, Google Sheets
- Multisim
- Java, C, C++, MATLAB, Assembly, LabVIEW, Mathematica, PLC ladder logic, In-line Assembly

Extracurricular

- JV, Varsity Soccer
- Math Tutor
- Copper Country Robotics
- FRC Robotics