Hailey Hartz

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Education

University of Michigan **Ann Arbor, MI**
Bachelor of Science in Engineering in Computer Science *May 2025*

- GPA: 4.00/4.00
- Coursework: Discrete Math, Programming and Introductory Data Structures
- Awards/Honors: University of Michigan Regents Merit Scholarship, 2022 Stellantis Student Awards recipient

International Academy of Macomb **Clinton Twp, MI**

- GPA: 4.00/4.00, Valedictorian, IB Diploma May 2021

Work Experience

Nino Salvaggio International Marketplace **Clinton Twp, MI**
Cashier 3/2021 - 8/2021, 5/2022 - 8/2022

- Operated a cash register, collected payments and provided accurate change to over 100 customers daily.
- Helped customers find specific products, answered questions and offered product advice.

University of Michigan Central Student Government **Ann Arbor, MI**
Intern for Environmental Justice Policy Advisor 11/2021 - 04/2022

- Took notes on meetings and attended meetings with University staff on behalf of the policy advisor.
- Organized meetings of the Environmental Justice Commission to gain effective input from students on Central Student Government programs.

Leadership Experience

University of Michigan Central Student Government **Ann Arbor, MI**
Academic Affairs Commission Chair 07/2022 - present

- Led a team of up to 4 commission members to complete policy directives.
- Collaborated with an executive team of over 20 people to enact programs supporting students.
- Maintained productive relationships with University staff and University organizations to achieve policy goals.

FIRST Robotics Competition Team #4810 **Macomb, MI**
Electrical Captain 05/2019 - 07/2021

- Developed the electrical components of the team's robot while leading a sub-team of 3 to 5 students.
- Effectively communicated with 5 other subgroups and 50 other team members to create the team's robot.
- Promoted FIRST Robotics by highlighting the robotics program at community outreach events with some attendances greater than 2000 people.

Extracurricular Involvement

Michigan Data Science Team **Ann Arbor, MI**
Team Member 01/2023 - present

- Researched and tested different methods to classify types of footwear using machine learning

Projects

Euchre: A program that simulates the card game euchre using abstract data types and polymorphism. Multiple users can choose to play using human input or play against simulated players.
Machine Learning: A program that processes natural language and classifies posts from a class forum using training from previous posts. This project also included the implementation of a binary search tree utilizing recursion.