

Ethan Huber

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Portfolio: <https://portfolio.zushiedu.com/>

Motivated Computer Engineering student with a strong foundation in troubleshooting, planning, and organizational skills. Adept at problem-solving, teamwork, and adapting to fast-paced environments. Seeking opportunities to apply my technical expertise and leadership skills in impactful projects.

Education

University of Guelph - Computer Engineering with Co-op 2024-2029 (B.Eng to be Obtained)

- Highlighted Courses: Engineering & Design 1, and Introductory Programming for Engineers
- Attended Club: Gryphon Racing (Formula SAE), designed new frame jigs and a motor controller mount

Huron Heights S.S. 2020-2024 (OSSD Completed)

- 90% average (Honor Role)
- Highlighted Courses: Physics, Chemistry, Computer Tech, Tech Design and Calculus/Vectors
- Attended Clubs: Robotics Club, Computer Club, Math Club

Work Experience

Sortation - Fastenal August 2022 - December 2023

- Exceeded productivity targets by **50%** using RF scanners to sort and track inventory
- Reduced order processing errors through meticulous product searches and repicking efforts, improving on-time shipping metrics
- Streamlined distribution processes by efficiently organizing shipments, enhancing operational efficiency

Major Achievements

Huron Heights Robotics Club Vice President & Innovation Lead 2022 - 2024

- Collaborated with club members and teachers to strategically plan the purchasing of various components for "Battle Bots" to ensure reusability, reliability, and compatibility
- Mentored students and designed a new rule book which led to greater club performance
- Achieved competition objectives through microprocessor programming, computer aided design, and various manufacturing techniques

Circuit Layout Creator Developer & Project Lead 2023 - 2024

- Created a web app which allowed students with Chromebooks to easily design circuit boards
- Configured servers to automatically upgrade the web app to the latest code base version
- Implemented features suggested by users through feedback forms and user testing cycles
- Developed a custom data format to efficiently render components in a human readable format to make it easier for new developers or users to add components to the database

Volunteer Experience

TD Tree Days (Tree Planting) 2023 - 2024

- Participated in local environmental initiatives by planting trees, contributing to reforestation and sustainability efforts

Skills

- Technical: OnShape, Solidworks, C, Java, Javascript, Circuit Design, Inventory Management
- Soft: Leadership, Time Management, Teamwork, Problem Solving

References

Adam Lamont
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Computer Science Teacher

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