

Ethan Wang

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EDUCATION

University of Guelph | Guelph, ON

B.C. in Computer Science (CO-OP) | Dean's List | Minor in Business

September 2021 - April 2026

Relevant Courses: Data Structures, Algorithms, Object-Oriented Programming, Full Stack, Statistics, Databases

TECHNICAL SKILLS

Programming Languages: Python, C, Java, JavaScript, HTML, CSS, SQL, React

Development Tools: Git, Linux, Docker, MySQL, SQLite, Sharepoint

PROJECTS

[Maze Generator Website](#) | Python, JavaScript, HTML, CSS

October - Present 2023

- Developed a dynamic maze generator web application that is hosted online.
- Implemented a Python backend utilizing a DFS algorithm for maze generation and solving.
- Achieved real-time maze updates and animations on the webpage using AJAX and JavaScript
- Full visualization of algorithm pathfinding process and discovered shortest path.

[Web Music Player](#) | JavaScript, HTML, CSS

September 2023

- Developed a feature-rich web music player app that is hosted online.
- Implemented key functionalities including play, pause, shuffle, time skip, and song queue management
- Designed an intuitive and responsive frontend to facilitate seamless user interaction.

[Personal Website](#) | JavaScript, HTML, CSS

December 2023

- Created a visually appealing personal website using HTML, CSS, and JavaScript to create an engaging, aesthetically pleasing, and user-friendly interface.
- Designed a dedicated section to showcase previous projects, effectively highlighting skills and expertise.
- Integrated JavaScript functionalities to add interactive elements, such as animated transitions and dynamic content, enhancing user engagement and interaction.
- I infused creativity into the website's design, incorporating unique and imaginative elements to set it apart and leave a lasting impression on visitors.

PROFESSIONAL EXPERIENCE

Student IT Technician | City of Guelph | Guelph, ON

September 2023 - December 2023

- Resolved a critical Chrome script issue affecting the Cisco Finesse software, causing abrupt user disconnects for hundreds of city employees.
- Spearheaded the discovery and implementation of a key AutoCAD licensing script, resolving licensing-related issues that impacted many city employees.
- Edited and maintained the SharePoint website, ensuring up-to-date content and seamless functionality for users. Collaborated with teams to implement necessary changes and updates.

IT Support Technician | IMCD | Brampton, ON

June 2022 - September 2022

- Installed and serviced printers, servers, network devices, and user systems, contributing to seamless hardware functionality.
- Engaged with a diverse user base daily, demonstrating strong communication skills to understand and address their IT concerns.
- Conducted routine maintenance and implemented system upgrades, ensuring optimal performance and security.