

Haider Saleem

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EDUCATION

Ontario Tech University

Bachelor of Science in Computer Science

Oshawa, ON

Expected May 2026

EXPERIENCE

Robotics Software Engineer

Sep 2023 – Present

Ontario Tech University

Oshawa, ON

- Developed and optimized robot movement algorithms in C++ to enhance precision and efficiency
- Implemented Python scripts for sensor data collection, enabling real-time environment perception and decision-making capabilities for robotic systems
- Collaborated in an integrative team to innovate, troubleshoot, and optimize software integration, ensuring better robotic performance

Web Development Assistant

March 2023 – July 2023

Teeny Coders

Online

- Collaborated on the development and maintenance of 4 educational websites to enhance students' coding skills on online learning platforms
- Provided technical support and troubleshooting to students and faculty, fostering collaboration
- Contributed to the improvement of educational resources by developing engaging learning materials, promoting a dynamic coding education experience

PROJECTS

EasyChat – Chat App | [GitHub](#) | [Website](#) | JavaScript, React, HTML, Tailwind CSS, Node.js, Firebase

- Developed a responsive chat application with a modern and intuitive user interface using React and Tailwind CSS
- Integrated Firebase backend services, implementing Google Auth for secure sign-in and utilized Firestore database to efficiently store and manage messages
- Personalized user experience with details like names, timestamps, and profile pictures sourced from Google accounts, boosting engagement

CineSeek – Movie Search App | [GitHub](#) | [Website](#) | HTML, CSS, JavaScript, Git, API's

- Developed a sophisticated movie search Website by seamlessly integrating the OMDb and TMDb APIs, creating an extensive database of films and television shows
- Implemented a feature showcasing the Top 15 Movies of the week for users to stay updated
- Built a detailed movie information system showcasing key details like title, release year, ratings, release date, genre, and reception

CraftedBytes – Personal Website | [GitHub](#) | [Website](#) | HTML, CSS, JavaScript, PHP, Git

- Created a dynamic personal website with HTML, CSS, PHP, and integrated JavaScript, featuring projects, an interactive cover letter, and a comprehensive resume
- Implemented engaging animations to enhance user experience, creating a visually stunning and immersive website
- Serves as a dynamic self-promotion platform highlighting technical skills and creativity

Terraria Weapon Compendium – Java Project | [GitHub](#) | Java, Algorithms, Git, Crud

- Added powerful search and CRUD functionality to a Java-based Terraria Weapon Compendium, providing detailed info and images for in-game weapons
- Utilized advanced sorting algorithms like merge sort to enhance the user's experience.
- Utilized CSV files for item updates and enhanced the user interface with background music and sound effects

TECHNICAL SKILLS

Languages: HTML, CSS, JavaScript, Java, Python, Sass/SCSS, C++, Assembly

Frameworks: React, Node.js, Bootstrap, Tailwind, Material-Ui, Wordpress

Developer Tools: GitHub, Git, Docker, Google Cloud Platform, Firebase, Visual Studio, Jupyter, Figma, Linux

Libraries: Pandas, Mathplotlib, NumPy, OpenCV, PyTorch, STL, DaisyUI