Haider Saleem

647-786-8740 | haider.saleem@ontariotechu.net | linkedin | GitHub | Portfolio

EDUCATION

Ontario Tech University · **Oshawa, Ontario**
Bachelor of Science in Computer Science · *Expected Graduation, **June 2026***
GPA: 3.7/4.3, Dean's List

EXPERIENCE

Robotics Team Programmer · Sep 2023 – March 2024
Ontario Tech RoboMaster · *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*

- Contributed to the development and maintenance of 4 educational websites, increasing student engagement and coding skill improvement by 40%
- Provided technical support and troubleshooting to students and faculty, fostering collaboration
- Developed engaging learning materials, leading to a 35% increase in interactive learning experiences and overall educational effectiveness.

PROJECTS

ChessHub – Online Chess | [GitHub](#) | [Website](#) | Java, JavaScript, CSS, Node.js, Websockets, RESTful API

- Engineered an online chess platform leveraging RESTful API for backend integration and real-time functionality
- Implemented WebSockets to enable interactive multiplayer experiences with minimal latency
- Designed customizable themes, daily puzzles, and a dynamic leaderboard, increasing user engagement by 30%.

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 utilizing Firestore database, improving message storage efficiency by 25%.
- Personalized user experience with details like names, timestamps, and profile pictures sourced from Google accounts, boosting engagement

Global Happiness - Data Analysis | [GitHub](#) | Python, Pandas, Numpy, Matplotlib, Seaborn

- Analyzed the 2019 World Happiness Report dataset across 160 countries to uncover global happiness trends and their economic links.
- Developed detailed data visualizations to illustrate correlations between GDP per capita and happiness scores.
- Cleaned and processed data, improving insights into socio-economic factors affecting happiness.

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

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