

Kevaun Harris

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EDUCATION

Ontario Tech University

Bachelor of Software Engineering Honours

Oshawa, ON

Sept. 2021 – April 2025

EXPERIENCE

SeeTek Mobile Banking

Front-End Engineer

Toronto, ON

April 2024 - Sept 2024

- Collaborated with a development team to build a secure and responsive wallet banking application, ensuring seamless UI scaling for mobile and desktop users.
- Implemented login authentication systems with encryption protocols, enhancing security and protecting user data from unauthorized access.
- Gained hands-on experience in full-stack development, working with APIs, database management, and frontend technologies to deliver a scalable financial solution.

PROJECTS

Rover AI Insect Identification | *Python, Javascript, Tailwind, React, MongoDB*

- Engineered an AI-powered object detection system for an autonomous rover, enabling it to navigate, identify and save information of invasive species within its environment without user intervention.
- Developed a visually engaging and user-friendly website with species identification, full database integration, API connectivity, and various React libraries to enhance functionality
- Trained a custom AI model for object detection, incorporating probability calculations and confidence thresholds to enhance accuracy.
- Integrated environmental sensors into an autonomous rover to collect real-time data on species habitats, enhancing AI-driven detection and analysis of invasive species.

AI Powered Stock Prediction | *Python*

- Developed an AI-driven stock prediction model utilizing machine learning algorithms to analyze historical market data and forecast price trends.
- Implemented data processing techniques, feature engineering, and time-series analysis to improve prediction accuracy and model performance.
- Integrated real-time financial APIs to continuously update stock data, enabling dynamic and adaptive market trend predictions.

Music Library Application | *Java, JavaFX*

- Developed a JavaFX-based GUI for a peer-to-peer music library application, leveraging FXML for UI structuring and CSS for styling.
- Implemented a multithreaded client-server architecture using Java Sockets and Server Sockets, enabling concurrent user connections and data exchange using TCP protocols.
- Implemented custom serialization for data exchange between clients and the server, reducing bandwidth usage and improving communication efficiency.

Railway Management System | *PHP, CSS, HTML*

- Developed an application that uses real-time to update users about their current departure time and nearby train stations
- Integrated RESTful APIs for third-party services, such as weather updates and traffic information, to dynamically adjust train schedules and improve passenger experience.
- Optimized website performance, leading to fast loading times and efficient data retrieval. Employed best practices to enhance overall user satisfaction.
- Developed user-centric features, including seamless ticket booking functionality and intuitive schedule management.

TECHNICAL SKILLS

Languages: HTML5, CSS3, JavaScript, Python, Java, C++

Frameworks and Databases: React.js, React Native, Jupyter, Bootstrap, Tailwind, Firebase, MongoDB, MySQL

Developer Tools: Visual Studio Code, NPM, Git, Sublime Text, SSMS, Github, Microsoft Project

Skills: Collaboration, Teamwork, Continuous Learning, Adaptability