

WenHao Wu

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EDUCATION

York University

January 2019 – June 2023

Honours Bachelor of Science in Computer Science, First Class; *CGPA 3.73/4.00*

EXPERIENCE

Web Developer · Shopr Live Inc.

June 2023 – June 2024

- Implemented UI features with **Ruby**, **Ruby on Rails**, **JavaScript**, **Stimulus.js**, and **Tailwind CSS** to enhance the end-user experience
- Translated Figma designs into **HTML**, **Tailwind CSS**, and **JavaScript** improving the functionality and usability of product pages
- Optimized site performance through lazy loading, CSS sprite sheets, and image compression, leading to faster page load times

Web Developer · Convia

Oct 2024 – Dec 2024

- Developed UI features using **Elixir**, **JavaScript**, and **Tailwind CSS** ensuring performance and cross-device compatibility
- Improved site responsiveness by implementing responsive design principles with **Tailwind CSS**, ensuring a seamless experience across devices of all screen sizes

PROJECTS

React Crypto Web App

- Built a responsive cryptocurrency tracking website using CoinCap API 2.0, **React**, and **Tailwind CSS** to show data for popular cryptocurrencies, with updates every minute for near real-time tracking, and added a light/dark mode toggle to provide users with a customizable viewing experience

Trivify

- Created a trivia quiz web application using the Open Trivia Database API, **React**, **Material UI**, **React Hook Form**, and **Tailwind CSS**, offering an engaging and responsive quiz experience across devices

Data Mining Project

- Conducted K-Means clustering analysis on a Spotify song dataset subset to identify and visualize correlations between musical properties using **pandas**, **scikit-learn**, and **Matplotlib** in **Python**

Smart Shoppers

- Designed and implemented an interactive application with custom GUIs for customers, managers, and administrators using **Java Swing** for the front-end and **Java** for the back-end with secure login and user authentication through serialization and file I/O
- Wrote comprehensive test cases with **JUnit** to ensure complete back-end functionality and improve code reliability by detecting bugs early

SKILLS

Languages: Python, Java, JavaScript, VBA, C#, C, Ruby, Elixir, PowerShell, HTML/CSS, SQL

Tools & Frameworks: Tailwind CSS, React, Ruby on Rails, Material UI, Stimulus.js, JUnit

Developer Tools: VS Code, Git, Docker

Libraries: pandas, openpyxl, xlwings, Matplotlib, scikit-learn, React Hook Form