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 display data for popular cryptocurrencies with near real-time tracking, updating every minute
- Implemented a light/dark mode toggle for a customizable viewing experience and set up GitHub Workflows for automatic deployment, ensuring seamless updates

Trivify
- Created a trivia quiz web application using the Open Trivia Database API, **React**, **Material UI**, **React Hook Form**, **Tailwind CSS**, and the **he library** offering an engaging and responsive quiz experience across devices
- Set up GitHub Workflows for automatic deployment, streamlining the CI/CD pipeline and ensuring smooth updates

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**

Big Data Analytics Project
- Developed a program to perform analytics on a large-scale dataset using **pandas**, **networkx,** and **Matplotlib** in **Python**

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, he