Hocian Wade

LinkedIn | 437-997-8632 | Hoccyy.com | hocianw@gmail.com | GitHub

Skills

- React | Next JS | HTML5 | TypeScript | C# | CSS3 | JavaScript | Python 3.x | C++ | CI/CD | TSX | Microservices | SQL | LUA
- Git Version Control | Technical Writing | Tailwind | automation | NumPy | DynamoDB | Scikit-learn | TTD | Pipelines | ESLint
- AWS S3| Svelte | Cloud Infrastructure | GraphQL | Machine Learning | Cloud Development | Json| Node.JS | Databases
- Software Architecture | Jest | Vue | Frameworks | PyTorch | npm | Java | Junit | Rust | npm | PyQt | Figma | Linux | Shell
- Full-Stack | Backend | Frontend | APIs | Amazon Web Services | Modern UI/UX Design | Web Development | Unit Testing
- Strategic Planning | Golang | OpenCV | Firebase | Google Cloud Platform | Software Optimization| DevOps | Vite | Unix
- Software Testing | Object oriented programming | CloudFormation | LeetCode | Cloud Computing | Requirements planning

Experience

Software Engineer, Intern **Amazon** **Toronto** **Summer 2023**

- Designed and implemented a scalable automated cloud resource purging system with **Java**, **TypeScript**, and **AWS** services unlocking transient testing environments for **DevOps** teams saving revenue and resources for **Amazon** and other companies.
- Built a custom deployment feature reaching thousands of users on **CodeCatalyst** for deployment optimization.
- Integrated a new cloud deployment feature for **CodeCatalyst** and improved legacy code upgrading the AWS backend using **Java** and the **AWS CDK** improving the metrics and performance for **CodeCatalyst** with cloud resource management.
- Saved millions in server costs by reducing computational workload and streamlining easy cloud deployment management.
- Worked closely with the UX team on Web Development to improve user experience and overall performance of platforms.

Education

York University **Bachelor's Degree in Computer Science (Junior Year)** **Toronto** **09/2023 – Present**

- *Object oriented programming, Web Dev, Linear algebra, Discrete Math, Theory of computation, **Data structures** and **Algorithms**.*

Thistletown Collegiate Institute **OSSD** **(IT S.H.S.M Seal)** **Toronto** **11/2020 – 06/2022**

- *OOP (Python), Calculus/vectors, Computer engineering (TEJ4M1), circuitry and logic gates, Advanced functions, Mathematics*

Projects

- QuickClick (Auto Clicker): A **Python** GUI program that automates repetitive clicking with custom quantities and delay time
- FitPick: An app that saves your closet virtually and picks one out for you randomly made with **firebase** and **NextJS**
- Morseley.com (Morse-Code Translator): A responsive web app that manipulates text data to translate English into morse code and back made with **Next.js** and **Node JS**
- Emotion Detector (ML): A Machine learning model that predicts if a face is happy or sad made with **TensorFlow** and Python
- ChefGPT: A web app that integrates **GPT 3.5** using the **OpenAI** API to process ingredients and help you make a meal with steps
- Finance Tracker: Web app to track monthly cashflow inclusive of stocks and expenditure built with **React, NodeJS, and NextJS**
- Qr-Code Generator: Utility software made to effortlessly generate **Qr codes** with text data/hyperlinks in **Python**
- YouTube Playlist Downloader: App made to download any YouTube playlist easily with just the playlist link securely
- MirrorHound: A chrome extension built to detect mirrored websites used for phishing made with **JavaScript** and Json
- Python Cache Cleaner: Desktop application designed to clear cache and unused files easily with batch, **PyQt** and **Python**
- Arduino Timer: **Embedded Software** to make an **Arduino** loop counting from 0-9 and various letters
- Graph Plotter: App made with Python and Matplotlib to create graphs easily
- House Price Prediction (ML): Machine learning model to predict house prices from a dataset made with **Scikit learn**