Hocian Wade

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Skills

- **Java** | **React** | **Next JS** | HTML5 | **TypeScript** | **JavaScript** | CSS3 | **Python** | C/C++ | **CI/CD** | **SQL** | **C#** | **Golang** | GCP | Azure
- Git Version Control | Technical Documentation | **Unix** | Tailwind | **Automation** | Pipelines | **Firebase** | TDD
- **Svelte** | **Cloud Architecture** | GraphQL | **Amazon Web Services** | Machine Learning | **PyTorch** | Sass | Ruby | **Django** | .NET
- Software Architecture | **Jest** | **Junit** | RESTful APIs | **Linux** | Databases | Microservices | **Node.JS** | **DevOps** | Backend
- **Full-Stack** | Frontend | **Cloud Development** | Modern **UI/UX** Design | **Web Development** | **Unit Testing** | **Cloud Computing**
- Strategic Planning | OpenCV | **Google Cloud Platform** | **Software Testing** | CloudFormation | LeetCode

Experience

Software Engineer, Intern   **Microsoft**   **Vancouver**   **Summer 2025**
- Integrated a **social media feature** within **Microsoft Teams** and **Viva Engage**, enabling users to better **customize their profiles** and provide stronger **branding**. Developed dynamic UI components using **TypeScript** and **React-Relay**, and integrated with **GraphQL APIs** for efficient data handling.
- Utilized **Azure DevOps** for CI/CD workflows along with **Git**, and wrote **unit tests** to ensure high-quality, reliable code.

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 **AWS.**
- 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.
- Improved user experience with the **UX team** and aided thousands of users on **CodeCatalyst** with deployment optimization.

Education

York University   **Bachelor's Degree in Computer Science (Senior 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

- **Morseley.com:** A website to translate morse-code crafted with **Next.js** and **Node JS** and later evolved into a node package
- **AccrueMind:** A fintech web app to calculate compound interest and visualize growth built using **NextJS** and **Chart.js**
- **ChefGPT:** A web app integrating **GPT 4o** using the OpenAI API to process ingredients and do meal prep step by step
- **FitPick:** An app that saves your closet virtually and picks one out for you randomly created with **firebase** and **NextJS**
- **YouTube Playlist Downloader:** App made to securely download any YouTube playlist easily created with Python
- **MirrorHound:** A chrome extension built to detect mirrored websites used for phishing written in **JavaScript** and **Json**
- **Python Cache Cleaner:** Desktop application designed to automatically clear cache and unused files with **PyQt** and **Python**
- **Emotion Detector (ML):** A machine learning project to predict if a face is happy or sad created with **TensorFlow** and Python