Hocian Wade

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Skills _____

- Java | React | Next JS | HTML | TypeScript | C# | CSS | JavaScript | Python 3.x | C++ | CI/CD | TSX | npm | SQL | Pandas | LUA
- Git Version Control | Technical Writing | Tailwind | Json | automation | NumPy | DynamoDB | AWS APIs | Pipelines | ESLint
- Amazon S3 | Cloud Infrastructure | GraphQL | Machine Learning |AWS CDK | Data preprocessing | Node.Js | Databases | Vite
- File Architecture | Vue | Frameworks | Json | npm | DevOps | Junit | Lambda | Microservices | PyQt | Figma | Linux | Golang
- Full-Stack | Backend | Frontend | APIs | Amazon Web Services | Modern UI/UX Design | Web Development | Unit Testing
- Solved many LeetCode and HackerRank problems. Proficient in testing software and debugging code with complexity.

Experience _____

Software Engineer, Intern (L4)   **Amazon**   Toronto   **Summer 2023**
- Designed and implemented a scalable automated cloud resource purging system with **Java**, **TypeScript**, and the **AWS suite** to give DevOps teams transient test environments saving revenue, resources, and time for Amazon and Dev teams.
- Product owner of a deploy action to be used by thousands of users in **CodeCatalyst** to automate deployment cleanup.
- Integrated a new cloud purge action with **CodeCatalyst** and CloudFormation. Improved pre-existing legacy code in Java and increased the performance and metrics of the **CodeCatalyst** platform by freeing server resources free reducing load.
- Reduced use of computational resources by designing a streamlined cloud deployment removal feature saving millions in server costs and also uptime.

Education_____

Bachelor's - Computer Science   **York University**   Toronto   **09/2023 - Present**
- Computer Science (BA) at Lassonde School of engineering
- *Object oriented programming languages, polymorphism, Web development, inheritance, Linear algebra, Discrete Mathematics, Computer applications, **Data structures** and **Algorithms**.*

OSSD (IT_S.H.S.M Seal)   **Thistletown Collegiate Institute**   **11/2020 – 06/2022**
- *OOP (Python), Calculus/vectors, Computer engineering (TEJ4M1), circuitry and logic gates, Advanced functions*

Projects_____

- **QuickClick (Auto Clicker):** A Python GUI program that automates repetitive clicking with custom quantities and delay time.
- **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.
- **Qr-Code Generator:** Utility software made to effortlessly generate Qr codes with text data/hyperlinks.
- **Graph Plotter:** App made with Python and Matplotlib to create graphs easily
- **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 in one place with batch and python.
- **Arduino Timer:** Embedded Software to make an Arduino loop counting from 0-9 and letters of the alphabet.
- **House Price Prediction:** Machine learning model to predict house prices from a dataset
- **Password Generator:** Optimized and randomized password generator made in C++ for complex and secure passwords
- **Calculator:** Calculator app made in React that can complete calculations