

Hocian Wade

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Skills

- **React** | **Next JS** | **HTML5** | **TypeScript** | **C#** | **CSS3** | **JavaScript** | **Python 3.x** | **C++** | **CI/CD** | **TSX** | **npm** | **SQL** | **Pandas** | **LUA**
- **Git Version Control** | **Technical Writing** | **Tailwind** | **Java** | **automation** | **NumPy** | **DynamoDB** | **Scikit-learn** | **Pipelines** | **ESLint**
- **AWS S3** | **TensorFlow** | **Cloud Infrastructure** | **GraphQL** | **Machine Learning** | **Data processing** | **Json** | **Node.Js** | **Databases** | **Vite**
- **File Architecture** | **Vue** | **Frameworks** | **Pytorch** | **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
<ul style="list-style-type: none">• Designed and implemented a scalable automated cloud resource purging system with Java, TypeScript, and the AWS suite to enable transient test environments for DevOps teams saving revenue, resources, and time for Amazon and other teams.• Product owner of a deploy action to be used by thousands of users on CodeCatalyst to automate deployment cleanups.• Integrated a new cloud purge action for CodeCatalyst and CloudFormation. Improved upon legacy Java code and the AWS CDK increasing the performance and metrics of the CodeCatalyst platform by freeing server resources free reducing load.• Reduced computational load by streamlining cloud deployment removals saving millions in server costs and uptime.			

Education

York University Bachelors in Computer Science	Toronto	09/2023 - Present
<ul style="list-style-type: none">• Computer Science (BA) at Lassonde School of engineering• <i>Object oriented programming languages, polymorphism, Web development, inheritance, Linear algebra, Discrete Mathematics, Computer applications, Data structures and Algorithms.</i>		
Thistletown Collegiate Institute OSSD (IT S.H.S.M Seal)	Toronto	11/2020 – 06/2022
<ul style="list-style-type: none">• <i>OOP (Python), Calculus/vectors, Computer engineering (TEJ4M1), circuitry and logic gates, Advanced functions</i>		

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**
- **Finance Tracker**: Web app to track your monthly cashflow inclusive of stocks and expenditure built with **React** 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
- **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 with batch, **PyQt** 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 made with **Scikit learn**
- **Password Generator**: Optimized and randomized password generator made in **C++** for complex and secure passwords
- **Calculator**: Calculator app made with **React** and **NodeJS** that can complete calculations with complex numbers