

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** | **automation** | **NumPy** | **DynamoDB** | **Scikit-learn** | **TTD** | **Pipelines** | **ESLint**
- **AWS S3** | **TensorFlow** | **Cloud Infrastructure** | **GraphQL** | **Machine Learning** | **Cloud Development** | **Json** | **Node.js** | **Databases**
- **File Architecture** | **Vue** | **Frameworks** | **PyTorch** | **npm** | **Java** | **Junit** | **Rust** | **Microservices** | **PyQt** | **Figma** | **Linux** | **Golang**
- **Full-Stack** | **Backend** | **Frontend** | **APIs** | **Amazon Web Services** | **Modern UI/UX Design** | **Web Development** | **Unit Testing**
- **Strategic Planning** | **Keras** | **DevOps** | **OpenCV** | **Firebase** | **Mock-ups and Prototyping** | **Software Optimization** | **Vite** | **Unix**
- Solved many LeetCode and HackerRank problems. Proficiency in **testing software** and debugging code with complexity.

Experience

Software Engineer, Intern	Amazon	Toronto	Summer 2023
<ul style="list-style-type: none">• 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.• Product owner of 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 CloudFormation 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.			

Education

York University	Bachelor's Degree in Computer Science (Sophomore Year)	Toronto	09/2023 – Present
<ul style="list-style-type: none">• <i>Object oriented programming, Web Dev, 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**
- **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 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 securely
- **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 various letters
- **House Price Prediction (ML)**: Machine learning model to predict house prices from a dataset made with **Scikit learn**