

# Hocian Wade

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## Skills

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

## Experience

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Software Engineer, Intern	Amazon	Toronto	Summer 2023
<ul style="list-style-type: none"><li>• Designed and implemented a scalable automated cloud resource purging system with <b>Java</b>, <b>TypeScript</b>, and <b>AWS</b> services unlocking transient testing environments for <b>DevOps</b> teams saving revenue and resources for <b>Amazon</b> and other companies.</li><li>• Built a custom deployment feature reaching thousands of users on <b>CodeCatalyst</b> for deployment optimization.</li><li>• Integrated a new cloud deployment feature for <b>CodeCatalyst</b> and improved legacy code upgrading the AWS backend using <b>Java</b> and the <b>AWS CDK</b> improving the metrics and performance for <b>CodeCatalyst</b> with cloud resource management.</li><li>• Saved millions in server costs by reducing computational workload and streamlining easy cloud deployment management.</li><li>• Worked closely with the UX team on Web Development to improve user experience and overall performance of platforms.</li></ul>			

## Education

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<b>York University</b>	<b>Bachelor's Degree in Computer Science (Junior Year)</b>	<b>Toronto</b>	<b>09/2023 – Present</b>
<ul style="list-style-type: none"><li>• <i>Object oriented programming, Web Dev, Linear algebra, Discrete Math, Theory of computation, <b>Data structures</b> and <b>Algorithms</b>.</i></li></ul>			
<b>Thistletown Collegiate Institute</b>	<b>OSSD (<u>IT S.H.S.M Seal</u>)</b>	<b>Toronto</b>	<b>11/2020 – 06/2022</b>
<ul style="list-style-type: none"><li>• <i>OOP (Python), Calculus/vectors, Computer engineering (TEJ4M1), circuitry and logic gates, Advanced functions, Mathematics</i></li></ul>			

## Projects

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- **Morseley.com**: A website to translate morse-code made with **Next.js** and **Node JS** and later evolved into a node package.
- **Finance Tracker**: Web app to track monthly cashflow inclusive of investments and expenses made with **React/NextJS**
- **ChefGPT**: A web app integrating **GPT 3.5** using the OpenAI API to process ingredients and do meal prep step by step
- **Qr-Code Generator**: Utility software made to effortlessly generate **Qr codes** from any text or data made in **Python**
- **FitPick**: An app that saves your closet virtually and picks one out for you randomly made 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 made with **JavaScript**
- **Arduino Timer**: **Embedded Software** to make an **Arduino** loop counting from 0-9 and also various letters
- **House Price Prediction (ML)**: Machine learning model to predict house prices from a dataset made with **Scikit learn**
- **Python Cache Cleaner**: Desktop application designed to automatically clear cache and unused files with **PyQt** and **Python**
- **QuickClick (Auto Clicker)**: A **Python** GUI program that automates repetitive clicking with custom quantities and delay time
- **Emotion Detector (ML)**: A machine learning project that predicts if a face is happy or sad made with **TensorFlow** and Python