

# Hocian Wade

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## Skills

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- **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** | **JUnit** | **Lambda** | **Microservices** | **PyQt** | **Figma** | **Linux** | **Golang** | **TTD**
- **Full-Stack** | **Backend** | **Frontend** | **APIs** | **Amazon Web Services** | **Modern UI/UX Design** | **Web Development** | **Unit Testing**
- **Strategic Planning** | **Keras** | **DevOps** | **OpenCV** | **Project Scaling** | **Mock-ups and Prototyping** | **Software Optimization** | **Unix**
- Solved many LeetCode and HackerRank problems. Proficiency in **testing software** and debugging code with complexity.

## Experience

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Software Engineer, Intern (L4)	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 the <b>AWS suite</b> enabling transient testing environments for DevOps teams saving revenue and resources for <b>Amazon</b> and other teams.</li><li>• Product owner of a deploy action to be used by thousands of users on <b>CodeCatalyst</b> to automate deployment cleanups.</li><li>• Integrated a new cloud purge action for <b>CodeCatalyst</b> and CloudFormation. Improved upon legacy code with Java and the <b>AWS CDK</b> optimizing the performance and metrics of <b>CodeCatalyst</b> by freeing server resources free reducing load.</li><li>• Reduced computational load by streamlining cloud deployment removals saving millions in server costs and uptime.</li></ul>			

## Education

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

## Projects

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- **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
- **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**