

# Brandon Duong - Software Developer

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## Summary of Qualifications

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- Recent grad Software Developer with Bachelor's in Software Engineering from McMaster University (3.9 GPA)
- Proficient in JavaScript, CSS3, and HTML5, leveraging frameworks such as React, Angular, and Vue.js to create responsive and user-friendly applications as Software Developer at Evenset and project of Alnime
- Experience in back-ends using Node.js and Java for REST APIs in projects LoLGuess (100,000+ uses) and Alnime

## Skills

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- JavaScript, HTML, CSS, Node.js, Java, C#, ASP.NET, AWS, Azure, Spring Boot, React, Angular, Vue, SQL, NoSQL

## Experience

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### Outlier, Remote — Software Developer AI Trainer February 2024 – June 2024

*JavaScript, TypeScript, HTML, CSS, Python, Java, C#, Node.js, React.js, Angular, Vue.js, SQL, AWS*

- Strengthened LLM response quality and prompt adherence through strategic prompt engineering and evaluation of its accuracy, correctly identifying the preferred model response 95% of the time
- Analyzed over 1000 responses and their output code, tested against prompt's requirements to verify correctness

### African Canadian Association of Ottawa, Ottawa, ON — Web Developer Dec 2023 – March 2024

*JavaScript, HTML, CSS, Figma, WordPress, Elementor, cPanel, Apache, REST API, HubSpot CRM*

- Diagnosed, redesigned, and optimized responsive front-end for two separate WordPress websites, improving load times by 40% and accessibility for English and French users by 30%
- Integrated radio.co REST API to replace static ACAO Talk Radio schedules and increase accuracy of info by 50%

### McMaster University, Hamilton, ON — Teaching Assistant Sept 2022 – Dec 2022

*Python, Java, Golang*

- Improved student performance by leading tutorials, reviewing code, and grading over 300 assignments

### Evenset, Toronto, ON — Software Developer & QA Automation Sept 2021 – Aug 2022

*JavaScript, Vue.js, HTML, CSS, Kotlin, Ant Design, Cypress, Mocha, Chai, Jira, Zeplin, Azure DevOps, Figma, Zephyr, Plotly*

- Enhanced the quality and reliability of 3 web apps and an Android app by tracking and troubleshooting defects, reproduction steps, and root causes, collaborating with Action Against Hunger to gather malnutrition statistics
- Implemented responsive components and graphs with Jest unit tests, adhering to Figma UI and UX mock-ups
- Automated over 100 Cypress end-to-end (E2E) and Android instrumented tests, reducing manual testing of user stories by 40% and elevating platform responsiveness, robustness, and resilience
- Executed comprehensive test plans and automation scripts for QA, regression, and user acceptance testing (UAT), providing actionable feedback on user experience and maximizing overall product quality

## Education

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### McMaster University, Hamilton, ON — Bachelor of Engineering — Software Engineering May 2023

- Achieved cumulative grade-point average of 3.9 on 4.0 scale (Deans' Honour List)

## Projects

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### Alnime github.com/brandonduong/Alnime

*TypeScript, React.js, React Router, HTML, CSS, Java, Spring, Spring Boot, Maven, NoSQL, MongoDB, TailwindCSS, Render*

- Developed web app challenging users to distinguish real vs AI-generated anime plot and manga/light novel titles

### LoLGuess github.com/brandonduong/LoLGuess

*TypeScript, Vue.js, HTML, CSS, Node.js, AWS (Amplify, AppSync, API Gateway, Lambda, Cognito, Route 53), Ant Design*

- Developed web app practice tool for players of competitive video game to test their skills through guessing game
- Shared on Reddit to receive feedback with over 100,000 plays and communicate next steps for 100,000 viewers