Jody Zhou

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SKILLS & INTERESTS

Technical : Python, Javascript, C++, C, HTML/CSS, SQL, R, Racket, React/React Native, Selenium, Django, Git, Markdown, Heroku, Netlify, Material-UI, Excel, Bash, Firebase, Typescript, Electron

Interests : Open Source Contributions, Investing, Basketball (Senior Basketball Team), Cooking, Music

EXPERIENCE

Neo Financial Technologies — *Software Test Engineer Co-op*

MAY 2021 - AUG 2021

- Saved at least 40 hours of manual work for each environment reset by creating a CLI tool used by the QA team to automate tedious tasks such as merchant creation.
- Contributed to 18.8% of the total bugs found by the QA team through exploratory testing on Mobile and Web applications.
- Worked closely with Developers, Product Managers, and Product Designers to pinpoint areas of the application where high severity bugs will surface.
- Lead and participated in interviews to hire excellent candidates and served as a mentor for new hires.
- Found and fixed multiple bugs in production (Typescript & React).
- Performed API testing (GraphQL) with Insomnia, security testing with Burp Suite, and accessibility testing with VoiceOver.

PROJECTS

Markdown Note — *Desktop Application*

- Maintainer of this open source subject started by four students in the University of Waterloo
- An open-sourced markdown editor that supports WYSIWYG and traditional split view editing.
- Implemented design patterns such as Dependency Injection, Singleton Pattern, and Observer Pattern
- Built with Typescript, HTML, CSS, Electron. (🔗 **Markdown Note**)

Mind Space — *Web Application*

- Took initiative and built a responsive web application with daily images, and verses from the Bible.
- Eliminates distractions with minimalistic design and improves productivity with a pomodoro timer.
- Built with Javascript, React, HTML, CSS, Netlify, Material-UI. (🔗 **Mind Space**)

EDUCATION

University of Waterloo, Waterloo — *Honours Mathematics, Co-op*

September 2020 - Present

- **Relevant Courses:** Designing Functional Programs (A+), Elementary Algorithms Design and Data Abstraction (A-), Object-Oriented Software Development (Currently Taking), Data Types and Structures (Currently Taking)