

Jody Zhou



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[Github](#)



[LinkedIn](#)



[Personal Website](#)

SKILLS & INTERESTS

Technical : Python, Javascript, 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 Contributor(Actively contributed to a 94.5k stars repository (Top 30 Most Starred)), Investing (Content Creator: 910 Followers), Basketball (Senior Basketball Team), Cooking, Music

EXPERIENCE

Neo Financial Technologies — Software Test Engineer Co-op

MAY 2021 - AUG 2021

- Created CLI tool used by the QA team to automate tedious tasks such as merchant creation, saving at least 40 hours of manual work for each environment reset.
- Performed exploratory testing on Mobile and Web applications, contributing to 18.8% of the total bugs found by the QA team.
- Worked closely with Developers, Product Managers, and Product Designers to pinpoint areas of the application where high severity bugs will surface.
- Served as a mentor for new hires.
- Lead and participated in interviews to hire excellent candidates.
- 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 (Mac Built-in Screen Reader).

UserTesting — Mobile App and Website Tester

MAY 2019 - PRESENT

- Analyzed and tested over 25 mobile and website applications to provide feedback and suggestions.
- Provided detailed feedback through voice recordings and text on aspects of overall functionality, UI designs, and product prototypes.
- Earned an average rating of 4.5/5 by the Test Providers.

PROJECTS

Markdown Note — Desktop Application

- Maintainer of this open source subject started by four students in the University of Waterloo
- Provide a great note taking experience to the users
- 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](#))

Stock Picking Contest Site — Web Application

- Created a platform for my followers to participate in the stock picking contest and see their rankings.
- Built with Python, SQL, Heroku, Streamlit, Matplotlib. (🔗 [Stock Picking Contest Site](#))

Jandr Stock Info — Twitter Bot for Investors and Traders

- Provided value by helping investors and traders to make better decisions in order to maximize their potential profit.
- Made over 34,400 impressions.
- Built with Python, Tweepy, Heroku, Selenium, Matplotlib, and BeautifulSoup. (🔗 [Jandr Stock Info](#))

AWARDS/CERTIFICATIONS

JPMorgan Chase & Co. Software Engineering Virtual Experience Completion Certificate

DECEMBER 2020

- Received the completion certificate upon completing tasks on working with a stock price data feed, data visualization, and displaying data for traders.
- Learned more on Web Applications, Technical Communications, Python, React and adding Unit Tests.

Goldman Sachs Engineering Virtual Program Completion Certificate

DECEMBER 2020

- Completed a practical task in Cryptography, where I have learned more about the importance of hashing to secure passwords.

EDUCATION

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

September 2020 - Present

- **GPA:** 3.28/4.0
- **Relevant Courses:** Designing Functional Programs (A+), Elementary Algorithms Design and Data Abstraction (A-)