

Aaron Jiang

SYSTEMS DESIGN ENGINEERING

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Education

University of Waterloo

Waterloo, ON

BACHELOR OF SCIENCE IN SYSTEMS DESIGN ENGINEERING (3.9 GPA)

Sep 2019

- Relevant Courses: Human Factors in Design, Digital Systems, Data Structures and Algorithms
- Maintained excellent standing throughout all semesters, chosen for 2021 Deans Honour List

Skills

Languages Python, Java, JavaScript, SQL, C++, Arduino, MATLAB

Development React, Vue, Node, Express, Docker, MongoDB, Koa, PostgreSQL, Firebase, Google Cloud, Azure, Jupyter, Selenium

Product Figma, Sketch, XD, Zeplin, Scoping, Case Studies, AB testing, Photoshop, Illustrator, Premiere

Experience

Copysmith AI

Birmingham, AL

SOFTWARE ENGINEER

Jan 2021 - Present

- Developed core features for enterprise users and Twine partnership, helping startup secure 2.5MM in seed funding.
- Helped horizontally scale Zapier, Hubspot and Frase.io integrations using Docker, Koa, MongoDB and React.
- Independently designed and developed a Chrome extension from end to end, optimizing workflows for 1500+ users.

Boxlabs Inc

Toronto, ON

SOFTWARE DEVELOPER INTERN

Sep. 2020 - Dec. 2020

- Utilized React, Express, PostgreSQL and Azure CDN to develop Covid-screening features and robust endpoints.
- Oversaw development of mobile architecture and features while managing user testing through TestFlight.
- Redesigned user flows and interface using Adobe XD, reducing RX processing times by 80% and improving user experience.

TD - Payments Innovation

Toronto, ON

FULLSTACK DEVELOPER INTERN

Jan. 2020 - Apr. 2020

- Utilized Vue, MongoDB and GraphQL to create a platform for sharing ideas amongst senior execs.
- Created a web scraper using Azure Text Analytics and NickJS to identify meaningful business opportunities from LinkedIn.

City of Toronto

Toronto, ON

WATERMAIN PLANNING INTERN

May. 2019 - Aug. 2019

- Optimized Access DB using Excel VBA to reduce batch processing times by 50%
- Used Python scripts to analyze data for city-wide projects such as the Lead Mitigation program

Projects

Watchlist

PWA - FULLSTACK DEVELOPMENT

[View Project](#)

- A fully responsive watchlist that helps track and remind you when your favorite series are about to air. Designed and developed app using OAuth, Firebase, React and Figma, with data provided by TMDb and TVMaze APIs

Rabbit - Productivity Tracker

CHROME EXTENSION - DESIGN AND DEVELOPMENT

[View Project](#)

- An intelligent browser extension that analyzes browsing habits and promotes user productivity. Created medium-fidelity prototypes in Figma, conducted user interviews and then implemented extension using JavaScript, Chrome tabs and storage APIs

Vibeify

QHACKS 2020 - DESIGN AND DEVELOPMENT

[View Project](#)

- Utilized ReactJS, Spotify API and Tensorflow body recognition to build an intelligent DJ that changes songs to match your energy