AARON JIANG

SYSTEMS DESIGN
ENGINEERING

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PERSONAL PROFILE

- Design-oriented student experienced with UI/UX design and app development
- Great sense of initiative and eager to learn
- Able to efficiently solve problems through creative approaches

SKILLS

DEVELOPMENT

- Javascript, TypeScript, jQuery
- HTML, CSS
- RESTful APIs
- ReactJS, React Native, Redux
- VueJS, Vue Native
- ExpressJS
- Python
- Selenium
- C++, C#

BACKEND

- Node.js (Express & NPM)
- MongoDB, Mongoose
- GraphQL, PostGreSQL
- Firebase

DESIGN

- Adobe XD, Figma, Sketch
- Photoshop, Illustrator, Premiere
- Photography & Videography

OTHER

- Git
- Confluence, JIRA
- Agile development

WORK EXPERIENCE

Boxlabs Inc.
Software Engineer | Sep 2020 - Dec 2020

- Utilized React, ExpressJS, PostGreSQL and Azure CDN to develop Covid-screening features, robust endpoints and dashboard.
- Oversaw development of mobile architecture and cloud-sync features while managing user testing through TestFlight
- Independently redesigned and implemented both desktop and mobile UI to facilitate a more competitive and intuitive user experience.

TD Payments Innovation
Fullstack Developer | Jan 2020 - Apr 2020

- Developed Interac SDK features for partnership with UGO Wallet using React Native, Swift and Kotlin
- Utilized VueJS, MongoDB and GraphQL to create a platform for sharing ideas amongst senior executives and VPs
- Created a web scraper using NickJS and Azure Text Analytics to identify meaningful business opportunities from LinkedIn posts
- Designed various high fidelity prototypes and wireframes to efficiently pitch ideas to the AVP of Payments Innovation.

PROJECTS

Rabbit - Productivity & Procrastination 🔗
Chrome Extension | Apr 2020

- Used Javascript, Chrome tabs and storage APIs to develop an intelligent companion that analyzes browsing habits and promotes user productivity

Covid-19 Tracker 🔗
Vue Web App | Mar 2020

- Created a visually striking web-app that provides key insight towards daily transmission trends using VueJS and Covid19-API.

Vibeify -QHacks 2020 🔗
React Web App | Feb 2020

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

EDUCATION

University of Waterloo
Systems Design Engineering | Sep 2019 - Apr 2024

- Relevant courses: Human Factors in Design, Data Structures & Algorithms and Digital Systems
- Active involvement in extracurriculars such as Engineers without Borders and UW CSA
- Maintained excellent academic standing through all courses (3.9 GPA)