

JASON FAN



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WORK EXPERIENCE

Agile Developer Intern

[Jan 2019 – Aug 2019]

SAP

- Integrated undo/redo actions for the geo widget – 1 of the 3 **largest** widgets in the product with **React / Redux** and **TypeScript**.
- Implemented **UI** and copy paste handling for their dynamic text tokens and wrote **Jest + Jasmine** tests for **4** different user stories.
- Selected to structure a KPI service with **Python** to decrease webpack module sizes – helped reduce load time by **20%**.
- Resolved over **150** tickets and received an **award** in recognition for my passion and consistent work ethic from the team manager.

Software Developer Intern

[May 2018 – Aug 2018]

OwlTing

- Formed, deployed, and demo-ed a simplified Ethereum API for new hires – on-boarded over **9** new developers.
- Analyzed their hotel booking service to construct functionality most relevant to their **400** global hotel partners.

PROJECTS

ETH Booking

[Express / MongoDB]

github.com/fanjason/eth_room_booking

- A **decentralized** reservation service that gives consumers access to all available rooms; cutting out the middleman.
- Formed a **RESTful API** architecture with Express to call the Ethereum smart contract and MongoDB to store users and rooms.
- Extensive elaboration to optimize **asynchronous** contract calls.

StockWatch

[React / SQL]

github.com/304MarketWatch/StockWatch

- Fantasy stock trading app with real-time market data.
- Created an **API** to manage stock data and user ranking with **SQL**.
- Built **React** components to leverage API endpoints and display trader insights as well as their overall performance.

Pass Bot

[React / Google Puppeteer / JWT]

github.com/fanjason/ParkingBot

- Bot that adds / drops users from a pass – enables multiple people to share the permit – stretching the **value** of a single voucher.
- UI created with React-Router, **authentication** with JWT.

SKILLS

JavaScript



SQL



Python



C++



Java



C



More: Node, React / Redux, Express, HTML, CSS, Jest, Jasmine, TypeScript, PostgreSQL, MongoDB, jQuery, UI5.

Tools: Git / Github / Gerrit, JIRA.

VOLUNTEER

Project Lead

Code the Change Foundation

Co-ordinated a team of developers to build open-source software solutions. Working on an Overdose Prevention App that displays support centre locations with Google Maps API and React.

EDUCATION

Business and Computer Science

University of British Columbia

[Sep 2016 – Apr 2021]

Key Courses: Algorithms and Data Structures [C++], Relational Databases, Software Engineering [JavaScript], Introduction to Computer Systems [C].

Udemy

[Current] React 16 – The Complete Guide

INTERESTS

Captain / UBC Recreational Volleyball

Founder + President / Magee Magic Club