JASON FAN

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WORK EXPERIENCE

Agile Developer Intern   [Jan 2019 – Aug 2019]
SAP

- Worked on their cloud-based data analytics platform accessible to over **12 million** customers – [SAP Analytics Cloud].
- Implemented features using **Redux / React** and automated workflows for **4** different user stories – Resolving over **150** tickets.
- Selected to structure a KPI service with **Python** to track product performance – helped reduce load time by **20%**.
- Received an **award** in recognition of my passion for the product and consistent work ethic from the team manager.

Software Developer Intern   [May 2018 – Aug 2018]
OwlTing

- Analyzed their hotel booking service to form and demo a simplified Blockchain **API** – allowing them to on-board over **9** new developers.
- Collaborated with front-end engineers to implement functionality most relevant to their **400** global hotel partners with **JavaScript**.

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.
- Ranks users based on their investments and tracks stock prices.
- Leveraged SQL statements to **maximize** query response time.

Pass Bot   [React / Google Puppeteer / JWT]
github.com/fanjason/ParkingBot

- Bot that adds / drops users from parking passes based on location.
- Enables a larger market to share the same pass; stretching the **value** of a single pass.
- UI created with React-Router, **authentication** with JWT.

SKILLS

JavaScript   Python   Java

SQL   C++   C

Proficient: Node, React / Redux, Express, PostgreSQL, MongoDB , Jest, Jasmine.
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

Key Courses: Algorithms and Data Structures [C++], Relational Databases, Software Engineering [JavaScript], Introduction to Computer Systems [C].
[Sep 2016 – Apr 2021]

Udemy

Current: React 16 – The Complete Guide
The Web Developer Bootcamp [Node.js]

INTERESTS

Captain / UBC Recreational Volleyball
Founder + President / Magee Magic Club