

WORK EXPERIENCE

Amazon

[May 2020 – Aug 2020]

Software Development Engineer Intern

- Dynamic Delivery Prices team – Improved backend **Java** services used globally to calculate delivery prices displayed on Amazon's retail website.
- Successfully designed, developed, and released a **load balancing** tool to manage over **30,000** customer requests per minute – enabled the team to quickly recover from service failure and manage high traffic events.

SAP

[Jan 2019 – Aug 2019]

Agile Developer Intern

- Worked on geo-spatial data mapping for SAP's cloud-based analytics platform using **React / Redux** and TypeScript.
- Achieved **90%** code coverage for **4** frontend features and cut down quarterly regressions by **15%** through **Jest + Jasmine** tests.
- Helped reduce product render time by **20%** by building a KPI analysis tool with **Python** that gathers and categorizes webpack metrics.

OwlTing

[May 2018 – Aug 2018]

Software Developer Intern

- Formed, deployed, and presented a simplified Ethereum hotel room scheduling API for new hires – On-boarded **5** new developers.
- Experience with Node.js, RESTful API, NoSQL, jQuery, and Solidity.

PROJECTS

The Analyst

[GraphQL / Golang / React]

github.com/FanJason/theAnalyst

- Financial news web page with sentiment analysis. Check it out [here](#).
- Backend architecture built with **GraphQL** – deployed on **Heroku**.
- Uses **caching** to store API data and decrease service latency.

StockWatch

[React / SQL / Express]

github.com/304MarketWatch/StockWatch

- Fantasy stock trading application with real-time market data.
- Created an **API** to manage stock data and user rankings with **SQL**.
- Utilized **React** to leverage API endpoints and show trader insights.

ETH Booking

[Node / Express / MongoDB]

github.com/FanJason/eth_room_booking

- A decentralized reservation service powered by Ethereum.
- Shaped an Express **API** to call the smart contract and the **NoSQL** DB.

SKILLS

JavaScript



SQL



Python



Go



Java



C



More: React / Redux, GraphQL, Node, Express, HTML, CSS, Jest, Jasmine, 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. Worked 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

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

INTERESTS

[Captain](#) / UBC Recreational Volleyball
[Founder + President](#) / Magee Magic Club