JASON FAN
ASPIRING DEVELOPER

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WORK EXPERIENCE

Software Developer Intern
OwlTing / [May 2018 – Aug 2018]

- Worked at an Ethereum Startup that raised **$6** million to build **Blockchain**-based services.
- Added features to their new hotel booking service with **400** global hotel partners as a member of the OwlTing Travel development **agile scrum** team.
- Backend development – progressed in sprints to collaborate on their **JavaScript API** and learned to work with front end developers to create a **finished product**.
- Finished a simplified version of their hotel booking app to help incoming employees understand the new service.

PROJECTS

Eth Room Booking / [JavaScript / HTML / Solidity]
github.com/fanjason/eth_room_booking

- Implemented a Blockchain room booking service with **Node.js, MongoDB, Express.js,** Bootstrap, and Ethereum.
- Full stack experience creating a **RESTful API** and deploying smart contracts.
- Extensive practice with JavaScript – dealing with promises [**asynchronous programming**], callback functions, and unit testing.

Flappy Project / [JavaScript]
fanjason.github.io/Flappy-Project

- Developed a rendition of Flappy Bird – fully functioning with a start menu, dynamic instructions, and a high score counter.
- Learned to manage **game loop** for game simulation and implemented flags to manage **race conditions**.

Bulls and Cows / [C++]
github.com/fanjason/BullsAndCows

- Created a console word guessing game made with Visual Studio for an online game development course.
- **Exception handling** to deal with user inputs – cases for repeating characters and invalid word lengths.

SKILLS

Languages: JavaScript, Java, C++, C, HTML, CSS, Solidity, TypeScript.
Environments: Node.js, Express.js, React.js, MongoDB, PostgreSQL, jQuery, Mocha.js.
Tools: Visual Studio Code, Git, Github.
Platforms: Linux / Unix, Windows, Mac, Android.

EDUCATION

Business and Computer Science
University of British Columbia

Combined Major – Sauder School of Business
[Sept 2016 – Expected Graduation: Apr 2021]
Key Courses: Algorithms and Data Structures [C++], Introduction to Computer Systems [C], Software Construction [Java].

Udemy
In Progress: React 16 – The Complete Guide
The Web Developer Bootcamp [Node.js]

VOLUNTEER

Project Lead
Code the Change Foundation

Building open–source software solutions to enhance the effectiveness of non-profit organizations who don't have the means to develop it themselves.
Currently working on an Overdose Prevention App that displays support centre locations with Google Maps API – to be built for iOS and Android with React Native.

INTERESTS

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