

Jason Smith

SOFTWARE ENGINEER - BAY AREA

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Technical Skills

LANGUAGES

Proficient: Java, Python, PHP **Intermediate:** JavaScript/TypeScript **Familiar:** Bash/Shell scripting

FRAMEWORKS AND TECHNOLOGIES

Web Development: Symfony, Spring, ReactJS, jQuery, NodeJS **Databases:** MySQL, PostgreSQL, Firebase **Other:** Unix, Git, Jenkins, Maven

Work Experience

Apple | Software Engineer Intern, Apple Pay

Cupertino, California

PYTHON, BASH, UNIX, INTERNAL FRAMEWORKS

Sep. 2019 - Dec. 2019

- Developed automation frameworks for Apple Pay
- Distributed a CLI tool throughout the Apple Pay organization which is used to assist in partner integration, increased engineering efficiency by **500%**
- Presented my tool to the Vice President (Jennifer Bailey) and Director of Software on Apple Pay

Tesla | Software Engineer Intern, Payment Software

Fremont, California

JAVA, PYTHON, SPRING, MAVEN, MOCKITO, JUNIT, JPA, MYSQL

Jan. 2019 - Aug. 2019

- Reduced API response times over **50%** by optimizing JPA database transactions and better caching techniques
- Developed a python automation framework which automates the setup for Tesla retail store POS devices

one45 Software | Software Developer Co-op

Vancouver, Canada

PHP, SYMFONY, MYSQL, JAVASCRIPT, SHELL SCRIPTING

Sep. 2017 - Aug. 2018

- Reduced report loading times by more than **80%** by refactoring database queries and implementing more caching techniques
- Developed and re-designed our bulk profile photo importing tool which reduced photo uploading time by more than **50%**

Personal Projects

Senti (Chrome Extension)

<http://bit.ly/2PO9RYf>

JAVASCRIPT, CHROME.STORAGE API, CHART.JS, CLARIFAI API

Sep. 2018

- Developed a chrome extension that analyzes your sentiment via facial recognition while browsing the internet for user insight purposes
- Trained my own sentiment recognition model with a custom dataset using the Clarifai API, ultimately leading to 20% better accuracy

Fantasy Coin

<https://bit.ly/20tkPBV>

JAVASCRIPT, REACT, FIREBASE, COINMARKETCAP API, NEWS API

Feb. 2018 - Present

- Developed a crypto currency trading simulation web application that gamifies crypto currency trading
- Utilized firebase as a layer for user authentication and state management

Crypto Currency Manual Trading Bot

<https://bit.ly/2OrlRym>

PHP, GUZZLE, NEXMO API

Dec. 2017 - Jan. 2018

- Developed a crypto-currency trading bot that calculates price indicators such as RSI, MACD, and Bollinger Bands
- Parsed crypto-currency data from the Cryptowatch API and it sends SMS notifications through the Nexmo API on cron jobs

Extracurricular Activity

nwHacks (Hackathon)

<https://www.nwhacks.io/>

SPONSORSHIP & MARKETING EXECUTIVE

Sept. 2016 - April 2018

- As the sponsorship coordinator I closed 3 sponsors with over \$5000 funding for nwHacks 2017
- I drove over 2000 applications for nwHacks 2018, also coordinated making our recap video <https://bit.ly/2ms03WY>

Education

The University of British Columbia

Vancouver, Canada

B.SC IN COMPUTER SCIENCE

Exp. Dec. 2020

- **Relevant Coursework:** Data Structures & Algorithms, Software Engineering, Computer Systems, Operating Systems