

# Jordan Siaw

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## TECHNICAL SKILLS

**Languages:** Python, Javascript

**Tools/Services:** Git, MySQL, Docker, Atlantis, Jenkins, Swagger API, Heroku, AWS Lambda, EC2, CloudWatch, Hashicorp Terraform, Consul, Vault, Kubernetes

## EXPERIENCE

**Hootsuite, Vancouver**, Operations Developer Co-op (*Sep 2017 – Mar 2018*)

- Worked with a team of four developers to migrate legacy microservices from Mesos/Marathon clusters to Kubernetes clusters, which saved ~\$15,000 a year in operating costs
- Cooperated with a team of three to move developers working on the Hootsuite Dashboard from Vagrant to Minikube, which saved over 15 hours of dev time per week
- Collaborated with a group of eight developers to adapt Vizceral as a service traffic dashboard proof of concept for an internal hackathon
- Implemented a proof of concept for Goldfish for greater dev UX when working with Hashicorp Vault

**Safe Software, Surrey**, DevOps Developer Co-op (*Sep 2016 – Apr 2017*)

- Developed an alert tracking tool using Angular 2, MySQL and Flask that streamlined error tracking and assignment during daily operations, saving up to 5 hours of dev time per week
- Wrote AWS Lambda functions that collected and published metrics about FME build and testsuite runs, which provided forecasts for daily triage and planning, as well as functions that purged stale EBS volumes and snapshots, and EC2 AMIs, which helped reduce quarterly operating costs
- Authored a Swagger API that supplied data to multiple internal tools, including the alert tracker and metric reports, and served as a foundation for future API designs
- Built the initial implementation of a prototype Angular and Electron app and its Flask backend that eventually replaced a legacy testsuite results browser, saving hours of technical debt and maintenance

## PROJECTS

**SafeRide**, VANquish Collisions Hackathon 2018 (*Sep 2018*)

- Collaborated with three teammates to create an Android app and C# backend for a ridesharing service for seniors

**SpicyGame**, Advanced Programming, Waseda University (*Jul 2018*)

- Collaborated with three classmates to develop a command line game written in Python

**blockvr**, nwHacks 2018 (*Jan 2018*)

- Collaborated with two teammates to develop a mobile web app using AR.js that shows users a VR representation of the Bitcoin blockchain

**Dine for Two**, Introduction to Software Engineering, SFU (*Jan – Apr 2016*)

- Collaborated with four teammates to develop a web app on Ruby on Rails that facilitates meetups based on restaurant preferences in the Lower Mainland

**Regifter**, Hackentines, SFU (*Feb 2016*)

- Collaborated with two other teammates to create a Ruby on Rails web app that helps less-loved Valentine's gifts find new owners

## EDUCATION

**Simon Fraser University**, Burnaby (*Sep 2014 – Present*)

Bachelor of Science (BSc) – Computing Science, CGPA: 3.57, expected graduation: Oct 2019

**Waseda University**, Tokyo (*Apr – Aug 2018*)

Exchange Term, School of International Liberal Studies

**Fraser International College**, Burnaby (*Sep 2013 – Aug 2014*)

Business Administration (University Transition Program Stage II)