STEVEN SHIH

(250)·885·2832 ◇ stevenshih1997@gmail.com

6090 Iona Drive, 1007 ◇ Vancouver, BC V6T 0B6

steveshih.com ◇ github.com/stevenshih1997

EDUCATION

University of British Columbia   *2015 - Present*
B.A.S.C in Computer Engineering.

EXPERIENCE

Hootsuite   January 2018 - August 2018
Software Engineering Intern   *Vancouver, Canada*

- Worked in scala distributed systems to sort and process events on messages and threads which uses kafka.
- Utilized protocol buffers with Google's gRPC to extend a rootification service written in Golang.
- Implemented and extended endpoints in GraphQL for interfacing with a React frontend.
- Refactored and implemented new features in existing PHP monolithic legacy system.
- Integrated Instagram Business capabilities with Hootsuite Streams.

National Taiwan Normal University   May 2016 - August 2016
Intern   *Taipei, Taiwan*

- Tested for bugs in questionnaires and surveys for the Ministry of Education in Taiwan using Excel.
- Developed app using Android Studio with audio recording/playback for a storybook using Java and XML.

PROJECTS

Vending Machine REST Server
Node, Express, Kairos API, AWS, MongoDB

- REST server deployed on AWS EC2 consuming several APIs for connecting to our IoT vending machine, Raspberry Pi, and Android app.
- Secure login and password hashing/salting using Passport.js.
- Facial recognition login using Kairos API and HTML5 Media Capture.

SafeSale
Python, Node, Express, Handlebars, CockroachDB

- Chrome extension for deciding on the safest place to make a trade between a buyer and seller on Craigslist, based on RCMP's criminal activity database. Worked on front-end portion.
- Scores criminal activity data based on severity and stores data in CockroachDB.
- Utilizes Google Maps API to find location.

SKILLS

Programming Languages	Scala, Python, JavaScript, C, C++, Golang, Java, Php, GraphQL
Libraries/Frameworks	React.js, Express.js, Restify, Cats, Play
Tools/Databases	Docker, gRPC, AWS, Jenkins, sbt, Jira, Sumologic, Kubernetes

ACTIVITIES

NWHacks 2019	Western Canada's largest hackathon	Top 20 (2019)
NWHacks 2017	Western Canada's largest hackathon	Participant (2017)
BizHacks 2017	Business focused hackathon	Participant (2017)
UBC LaunchPad	Develop software in teams	Developer (2017 - Present)