

STEVEN SHIH

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EDUCATION

University of British Columbia
B.A.S.C in Computer Engineering.

2015 - Present

EXPERIENCE

Hootsuite

January 2018 - August 2018

Software Engineering Intern

Vancouver, Canada

- Wrote functions in Scala to sort and process events on messages and threads.
- 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 in Scala.

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

Hotel Management API

Restify.js, Google Cloud SQL, Google Cloud filestore, Azure Cognitive Systems, Paypal API

- REST API deployed on Google Compute Engine consuming several APIs for connecting to DE1-SOC and Raspberry Pi.
- OpenAPI and slate to generate intuitive API documentation.
- Facial recognition login using Azure Face API with file references to images saved in database and images saved in filestore.

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, ReactNative, 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)