

STEVEN SHIH

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EDUCATION

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

2015 - 2019

EXPERIENCE

National Taiwan Normal University
Intern

May 2016 - August 2016
Taipei, Taiwan

- Tested and fixed bugs for online questionnaires and surveys for the Ministry of Education in Taiwan.
- Built an Android app with audio recording/playback to accompany a children's book.

PROJECTS

Vending Machine REST Server

Node, Express, Kairos API, Mongoose, MongoDB

- REST server deployed on AWS 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.

NHI Storybook

Android Studio, Java, XML

- An app accompanying a storybook for children to learn to read through the sound of their parent's voice.
- Recording and playback capabilities to assist children.

Safe Sale (NWHacks17)

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.

Personal Website

HTML, CSS, Bootstrap, JavaScript, jQuery

- A responsive personal portfolio to showcase my projects.
- Utilizes HTML5 canvas and Typed.js library to create handwriting and typing animations.
- Sketch is used to prototype and create svg vector images.

SKILLS

Programming (Proficient)

JavaScript, Java

Programming (Familiar)

Python, C, C++

Libraries/Frameworks

Node.js, Express.js, React.js, Bootstrap, jQuery, Mongoose

Markup/Templating

HTML, CSS, XML, \LaTeX

Tools/Databases

Android Studio, MongoDB, AWS, Git, Vim, Sublime Text, Sketch

ACTIVITIES

NWHacks 2017

Western Canada's largest hackathon

Participant (2017)

BizHacks 2017

Business focused hackathon

Participant (2017)

UBC Thunderbots

Autonomous soccer-playing robots

Member (2016 - 2017)

UBC LaunchPad

Software engineering team

Developer (2017 - Present)