STEVEN SHIH

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EDUCATION

University of British Columbia   *2015 - 2019*
B.A.S.C in Computer Engineering.

EXPERIENCE

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

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.

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.

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 Languages	JavaScript, Java, Python, C, C++
Libraries/Frameworks	Node.js, Express.js, Requests, BeautifulSoup, 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	Develop apps - conception to release	Developer (2017 - Present)