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 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.

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.

Multi-threaded brainyquote.com Scraper
Python, BeautifulSoup, Requests, sqlite3

- Used threading to reduce time for scraping from hours to minutes by utilizing an iterative and modular approach.
- Stored results in sqlite3 database to integrate into a React.js website, which is currently in progress.

Personal Website
HTML, CSS, Bootstrap, JavaScript, jQuery

- 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, Python, Java, 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	Develop software in teams	Developer (2017 - Present)