

## Technical Skills

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### Languages

Java, Python, HTML, CSS, SQL, JavaScript

### AWS

EC2, Lambda, S3, DynamoDB, Route 53, VPC, Cloud9, RDS

### Frameworks/Tools

Git, Heroku, Node.js, jQuery, IntelliJ IDEA, Pycharm, Android Studios, Visual Studios

### Concepts

SDLC (Agile & Waterfall), SOLID, Version Control, Design Patterns

## Technical Project Experience

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### Stonemaps — Industry Sponsored Student Project | Web Application

Apr. 2020 – May 2020

Projects Practicum, BCIT

- Created and revised project proposal, stage plans, and weekly status reports
- Utilized HTML and CSS to create front-end pages and implemented media carousels
- Performed testing on application and resolved any bugs found

### Knowledge Base — Web Application

Mar. 24, 2020 – Apr. 7, 2020

Intro to Internet Software Development, BCIT

- Created a social media web application for knowledge sharing that followed MVC architecture
- Used JavaScript to add features such as signup and sign-in, chat, individual profiles, and forum discussion
- Responsible for the completion and accuracy of chat feature and delegated individual tasks for controller methods

### Narrated Linux Presentation

Mar. 2020

Operating Systems, BCIT

- Researched, wrote, and narrated a 20-minute-long presentation on Linux's filesystem, memory management, CPU scheduling and I/O.
- Demonstrated understanding of Linux page allocation through example of the Buddy Algorithm
- Explained the fundamentals of Red-Black Trees and Linux's completely fair process scheduling

### Argos — First Place | Android Mobile App

Oct. 2019 – Nov. 2019

Mobile Application Development, BCIT

- Developed an Android mobile app that visualizes bike theft against bike racks through a heat-map
- Designed and implemented app interface through use of mock-ups and OpenWeather API
- Recognize poor marker optimization and resolved by integrating clusters on map activity
- Placed first place against eleven other teams in mobile development class showcase

### Chi's Creations — Industry Sponsored Student Project | E-commerce Website

May 2019 – Jun. 2019

Projects Practicum, BCIT

- Ensured an on-time deployment of client's e-commerce website by consulting with client on a set number of features ahead of time and following the Waterfall SDLC model
- Wrote and revised a technical manual tailored to client's technical knowledge

## Personal Projects

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### Wave Nation — BGC Engineering Sponsor Winner | Web Application

Mar. 6, 2021

24 Hour Hackathon, CMD-F 2021

- Constructed a web app with a 3D model of when major cities would sink due to the rising sea levels over time and encouraged eco-friendly tasks with a city-based points ranking system
- Built with JavaScript, Three.js, CockroachDP, and GoogleMaps API

### Winx Club API — Web Application

Sept. 2020 – Oct. 2020

- Designed and developed a RESTful API using Python, JSON, and Flask
- Structured API response by identifying most relevant parameters
- Successfully deployed application onto Heroku and debug any issues related to deployment

### Sunflower — Mobile and Web Application

Mar. 8, 2020

24 Hour Hackathon, CMD-F 2020

- Developed a discrete safety check-in mobile application for domestic abuse victims and incorporated NFC stickers
- Connected mobile application to AWS DynamoDB with AWS Cognito and AWS Amplify, and displayed database data through Node.js website deployed with Heroku
- Wrote a script in AWS Lambda with a set CRON rule to make automated daily changes to database

## Work Experience

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### Staple's — Copy and Print Associate

Sept. 2018 - Sept. 2019

- Communicated with co-workers verbally and in writing the status, details, and deadlines of in-progress customer print orders to ensure accuracy and customer satisfaction
- Advised customers on the best methods to produce their projects

### McDonald's — Crew Member

May 2016 – Mar. 2017

- Maintained high-standards of customer service during high-volume, fast-paced operations
- Resolved customer complaints promptly and professionally

### Wellness Pharmacy No.5 — Work Experience Student

Oct. 2016 – Dec. 2016

- Received prescriptions and aided pharmacist with drug-dispensing
- Maintained an accurate computerized record of store inventory and ordered more store stock as needed

## Education

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### Simon Fraser University

Sept. 2020 - Present

Bachelor of Science in Computing Science

### British Columbia Institute of Technology

Sept. 2018 – May 2020

Computer Systems Technology Diploma (Cloud Computing Option)