

Marcus Tam

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EDUCATION

University of British Columbia, Kelowna, BC
Bachelor of Science: Majoring in Computer Science
2017 - 2021

Deputy Vice-Chancellor Scholarship (2019-2020)

SOFTWARE SKILLS

Languages Java, Python, C#, JavaScript, SQL

Notable University Courses

Computer Vision

Human Computer Interaction

Web Programming

Parallel Computing

Software PostgreSQL, Postman, TensorFlow, PyTorch, Stripe

WORK EXPERIENCE

ResearchTube, Kelowna, BC

May 2020 - August 2020

Software Developer (Technical Lead)

- Oversaw documentation for the project. Final deliverable handed off to the client was 102 pages.
- Provided a cost-benefit analysis between multiple online payment platforms. Implemented Stripe payment as the official service due to their customer support services, ease of implementation for programmers, and least amount of commissions charged.
- Drafted the site design from scratch. Provided the clients with numerous variations, as well as adapting to the customers request on the fly. Created a total of 10 unique pages for the client.
- Reviewed team members codes. Closed over 50 pull requests, while providing helpful comments on each pull request. Wrote 40,000 lines and deleted around 7,000 lines of code.
- Organized daily standup meetings with the team, and weekly meetings with the clients and professor to update parties on predefined objectives.

Def Hacks Virtual 2020 Hackathon, Toronto, ON

June 2020

Programmer (Team member)

- Worked in a team of three for an online hackathon, while all members worked remotely.
- Built a Tinder clone to match hackers with each other based on each hacker's interests and experiences.

BCHacks Hackathon, Kelowna, BC

January 2020

Programmer (Project Manager)

- Managed a group of four, while two members had no technical background whatsoever. Group members successfully wrote functional HTML and CSS code.
- Built a basic web application that scheduled events with an automated email notification system.

BOSS Promotions, Toronto, ON

June 2017 - July 2017

Kitting and Fulfillment

- Provided observations, took measurements and performed tests at various stages according to the quality control plan, reducing inventory write offs.
- Followed quality standards and procedures to minimize errors and maximize customer satisfaction.

PERSONAL PROJECTS

- **WealthSimple Auto Trader:** Wrote a web scraping tool in Python that automatically executes trades on WealthSimple (Trading Platform). It executes buys and sells based on a variety of factors.
- **Stock Prediction using Sentiment Analysis:** Created a machine learning model using a handcrafted dataset, the model could predict the closing value of a portfolio of Fortune 500 with about 81% accuracy.