



Branden Tam

MAJOR IN COMPUTER SCIENCE | 3RD YEAR

☎ (+1) 604-365-5050 | ✉ brandentam24@gmail.com | 🏠 brandentam.github.io | 🌐 brandentam | in brandentam

Technical Skills

Programming Languages Java | C++ | JavaScript | HTML | CSS
Technologies Node.js | Express.js | jQuery | Git | IntelliJ
Database NoSQL | MongoDB | Mongoose | SQL

Work Experience

Pansophy Education Ltd.

Vancouver, BC

INSTRUCTOR

January 2020 - PRESENT

- Teaching a weekly introductory **Java** class, this includes tasks such as: lesson planning, marking work, returning feedback, lecturing, and guiding exercises
- Leading a weekly **Scratch** class as an intro to programming
- Tutoring three weekly one-on-one Math sessions of varying levels (Grade 5 - 8)

It's All About Grill

Richmond Night Market

STALL MANAGER

Summer 2018, Summer 2019

- Managing of inventory and employees before and during every operating weekend
- In charge of interacting with clientele and operating cash-register during working hours
- Transports supply of stock as needed throughout the week

Projects

HomeBase

PERSONAL PROJECT

June 2020 - Aug 2020

- Developed a full-stack web application that greets the user, provides relevant weather data, and offers a functional To-Do List
- HomeBase is personalized to the user depending on the info (name and city) provided on the landing page
- Current weather information is retrieved through use of an API and Express.js functionality
- User's tasks are stored and retrieved from a MongoDB database through the use of the Mongoose ODM
- **Technologies:** JavaScript, CSS, HTML, Node.js, Express.js, MongoDB, Mongoose, Firebase (Previously)

Simon Says

PERSONAL PROJECT

Aug 2020

- Programmed a Simon Says game complete with animations and record-tracking functionality
- Users are to remember the order of 4 onscreen flashing lights as the sequence gets progressively longer each round
- Player's high-score is retained and changes when it's been beat by the player's current score
- **Technologies:** JavaScript, CSS, HTML, Node.js

When2Meet

PERSONAL PROJECT

July 2020

- Implemented an online Discord (messaging application) bot using Node.js that can set input-specified meet-up times between users
- Users are able to opt in or out of the meet-up with a single click, users are notified via a message sent by the bot when it's time to meet
- **Technologies:** JavaScript, Node.js, Discord.js

Portfolio

PERSONAL PROJECT

July 2020

- Designed my first personal website equipped with visual graphics and hyperlinks
- Honed my understanding of CSS and HTML functionalities
- **Technologies:** CSS, HTML

Restaurant Ordering Kiosk

ACADEMIC PROJECT - FINAL GRADE: 100%

Sep 2019 - Dec 2019

- Created a mock ordering kiosk application complete with Graphical User Interface functionality
- Functionality includes ordering items from a set menu, ordering custom items, removing items from the cart, and checking out
- **Technologies:** Java, IntelliJ

Technical Extracurricular Activities

Jane Street's Electronic Trading Challenge

[Jane Street](#)

PARTICIPANT

July 2020

- Finished in the Top 10 Teams in Jane Street's first virtual ETC
- Participated with two teammates in an 8 hour coding competition against other participants in a simulated trading market
- Utilized Python as well as production and testing servers to deploy and develop prototypes of bots

The Complete 2020 Web Development Bootcamp

[Udemy](#)

STUDENT

July 2020 - Present

- Studied the fundamentals of full-stack web-development
- Learned core web-development technologies such as CSS, HTML, JavaScript, SQL, and more
- Developed 2 personal websites from scratch using both HTML and CSS

Volunteer Experience

UBC Hong Kong Student's Association

[UBC](#)

SENIOR VICE PRESIDENT

March 2020 - Present

- In charge of one of the largest international organizations at UBC, leading a team of over 100 executives over 5 departments
- Supervision, training, and management of 18 department directors and their vice presidents
- Liason between UBC HKSA and UBC AMS (overseer of UBC students) and other UBC organizations

Summer Day Camps

[Thompson Community Centre](#)

LEADER

Summer 2018

- Responsible for the safety and care-taking of over 20 children on a day-to-day basis
- Worked actively with children and their parents to create a safe and fun environment
- Participated in weekly performance review sessions with senior staff to improve my leadership and communication skills

Education

University of British Columbia

[Vancouver, Canada](#)

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Sept 2017 - Apr 2022 (expected)

- 86.5% Major Average
- **Relevant Coursework:** Data Structures and Algorithms, Object-oriented Programming, Software Architecture and Operating Systems