

Siam Shafiq

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Work Experience

Commonpoint Queens

Vancouver, BC (Remote)

SOFTWARE ENGINEER

July 2020 – March 2021

- Deployed a mobile application to screen clients at the door for COVID-19. Available on both Google Play Store and Apple Store.
- Developed both the frontend and the backend utilizing 3 implements, Android Studio, XCode and Figma and implemented 2 versions.
- Yielded a \$15000 USD cost reduction in development by taking on the project alone. Developed using Java and Swift.

Canada Learning Code

Vancouver, BC

MENTOR FOR DIGITAL SKILLS

Feb 2020 – September 2020

- Taught learners how to build and deploy their own website from scratch using HTML/CSS/JS and helped with debugging.
- Mentored 8 individuals at a time. Helping them understand basic programming concepts such as functions, loops and programs.
- Designed and developed 3-4 interactive learning materials for attendees to use as cheat sheets throughout the course.

Canada Learning Code

Vancouver, BC

MENTOR FOR GIRLS LEARNING CODE - MICRO:BIT

December 2019 – January 2020

- Mentored 4 individuals at a time. Taught programming concepts and simplified complex concepts into manageable chunks.
- Explained and simplified 5-10 simple programming concepts such as variables, if/else statements and loops to children.

Programming Skills

Programming Languages: Java, Swift, C#, Python, Full Stack Web, C++

Frameworks: Ionic, React, Firebase

Software: Android Studio, XCode, Figma

Personal Projects

Propulsion

HTML, CSS, Javascript, JQuery, Ajax

PUBLISHED A CHROME EXTENSION THAT REPLACES THE NEW TAB PAGE WITH A CLEAN, MOTIVATIONAL PAGE USING PEXELS API FOR IMAGES AND THE QUOTES API FOR QUOTES. INITIALLY DEVELOPED FOR SFU SURGE HACKATHON.

<https://tinyurl.com/vdzm4uej>

CUThere

Ionic, React, Firebase

BUILT A PRODUCTIVITY TOOL USING THE IONIC FRAMEWORK AND REACT FOR THE UI. AIMS TO INCREASE STUDENT PRODUCTIVITY BY 50% USES AN INTERACTIVE CALENDAR THAT SYNCs WITH BRIGHTSPACE/CANVAS TO DISPLAY ASSIGNMENTS/CLUB MEETINGS/QUIZZES DUE. COLLABORATED WITH 4 PEOPLE FOR CUHACKING HACKATHON.

<https://github.com/sarah23398/CUThere>

Sorting Visualization

HTML, CSS, Javascript, JQuery

VISUALIZATION OF SORTING ALGORITHMS. USED AS A LEARNING MATERIAL AT LANGARA BY 40 STUDENTS.

ALGORITHMS AVAILABLE ARE: SELECTION SORT & BUBBLE SORT

https://siamshafiq.com/visualization_site/index.html

Education

Langara College

Vancouver, BC

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

May 2019 – 2022

GPA: 3.4

University of British Columbia

Vancouver, BC

BACHELOR OF ARTS - COMPUTER SCIENCE

Sep 2022 - 2024

GPA: 3.5