Joshua Fung

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Education

Dalhousie University - *Bachelor of Computer Science, **Co-op***   **Sept 2018 - Present**

Current GPA: 3.94

Skills

- Java, Python, HTML5, CSS3, Javascript, Git, SVN, C++, Linux, MySQL
- Proficient with testing libraries such as JUnit
- Worked in Agile teams and implemented agile management ideals
- Wrote weekly reports on lesson plans and upcoming schedules

Work Experience

Software Engineer for Lockheed Martin Canada   **May 2020 - August 2020**

- Used a Data Distribution Service network based on a publish/subscribe architecture to send topics from a Java based simulator to a C++ backend.
- Implemented quality of life changes to our existing simulator in Java
- Worked in agile and used an agile project management system to organize and schedule stories.
- Performed code reviews for teammates

Web Developer for Startup   **Sept 2019 - Nov 2019**

- Worked in a team of 5 to develop a webpage from scratch using HTML5, CSS3, and Javascript. Communicated effectively between app dev team and supervisor to ensure consistency across platforms.

Relevant Academic Projects

- **Music Rhythm Game (Java)**
  - Notes would fall from the top of the screen and the player would hit them to the rhythm of the song and the player would get a grade at the end of the song judging how accurate the user hits the notes falling on the screen
- **Pokemon Battle Simulator (Java)**
  - Created a two-player pokemon battle game. Contained GUI, animations, and sound effects.

Hackathons

- **(2nd Place)** Visualization Hackathon
  - Created a website to display airline baggage information to the user. Would show how long it would take for their bag to get to the carousel and based on that time it would recommend things to do around the airport
- ***Honorary mentions** for Shiftkey Labs' Hackathon partnered with Analyze Re*
  - Built a python script that would scan CSV files for formatting errors
- Shiftkey Labs' Hackathon for Arts and Tech Students
  - Created and presented the idea of making an app that will determine whether the clothes a user is looking to buy will fit based on your given measurements