Saba Fathi

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EDUCATION

MCGILL UNIVERSITY
B.Eng Software Engineering
Sept 2020 - May 2024
Montreal, QC

PORTFOLIO

- Github://**theSaab**
- LinkedIn://**saba-fathi/**
- Saba Fathi

SKILLS

TECHNICAL
Python • JS • React • Java
Git • Postman • RESTful API
Heroku • Grafana • Docker
Kafka • Eclipse • Visual Studio

LANGUAGES
English - Fluent
French - Fluent
Spanish - Beginner

COURSEWORK

UNIVERSITY
Intro. to Computer Science
Foundations of Programming
Ordinary Differential Equations
Intro. to Software Development
Digital Logic
Model Based Programming

CLUBS
Google DSC: McGill
Front-End Developer
Design and development of
website UI

EXPERIENCE

SOFTWARE ENGINEER INTERN
Cisco | Ottawa, ON (Remote Work)
May 2021 – August 2021
Full stack developer and analytic.
- Designed dashboards to monitor and track usage data on sanity scripts (Grafana, Python, Kafka, REST API)
- Created charts and visualization of sanity scripts execution results
- Enhanced the root cause analysis process through analytical dashboards on failure cause identification
- Responsible for TOI of Grafana by making an online guide and recorded demo

LIFEGUARD
H2O | Gatineau, QC
June 2019 – September 2020
Full time lifeguard for public and private pools.
- Ensured safe environment for swimmers of all ages.

Extracurricular
July 2017 **Science of Optics in Life**
July 2017 **Robotics and Robot Manipulators**
August 2017 **Classical and Quantum Cryptography**

PROJECTS

GAME SEARCH
React, Material-UI, React-Router
June 2020
Web app that displays details of a video game provided by the user
- Tailored application towards video game buyers to help find more information on their favorite games.
- Designed Front-End using **React**, **Material-UI** and **React Router** for navigation between pages.
- Used third party APIs for data aggregation using **Axios**.

PERSONAL WEBSITE
React, HTML/CSS
May - June 2020
Personal website including links, images & interactive components
- Successfully achieved the intended goal of learning **React HOC**, implementing a new programming language to produce a tangible result.

FALLOUT TERMINAL SIMULATION
Python
May 2020
Brain teaser game
- A mimic of the hacking process featured in the Fallout game series.
- Includes various difficulty levels, limited guesses, and randomized words.

TYPETESTER PYTHON PROGRAM
Python
May - June 2020
- Program where the user must complete typing tests of various texts as fast as possible.
- Returns statistical analysis of the users typing capabilities.
- Gained experience using APIs by creating APIs that interacts with the user.