Alexia Sousa

Software Engineering Student

Passionate student looking to gain knowledge and hands on experience in the programming world.

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EDUCATION

Software Engineering CO-OP
Concordia University

09/2019 - Present

- Object Oriented Programming I & II
- Web Programming
- Information Systems Security
- Data Structures and Algorithms
- Operating Systems
- User Interface Design

DEC in Pure and Applied Science
Marianopolis College

09/2017 - 04/2019

WORK EXPERIENCE

Software Engineering Intern
Canadian Space Agency

05/2021 - 08/2021

- Implemented features in my team's EGI Tools Support application using Vue.js, Javascript, Java and Spring.
- Refactored the application's unit tests using Junit for the backend as well as Jest in the frontend.
- Assisted with the implementation and design of a MariaDB MySQL database using the DBeaver software application.

Software Quality Assurance Intern
Matrox

09/2020 - 12/2020

- Performed quality checks on company video cards in the SQA department.

Waitress/Cashier
La Boite Aux Huîtres

2019 - 2020

- Operated the cash register.
- Fulfilled customer orders (shucked and served oysters).

Engineering Office Associate
Fonex Data Systems

2015 - 2015

- *Assisted engineers in documenting the process related to inventory picking and product labeling.*
- *Analyzed production quality using Microsoft Excel to determine defect rate of products produced.*

SKILLS

Java Vue.js Vuetify HTML5
Javascript CSS Bootstrap
Spring Python Flask Junit
Jest REST API Gitlab Github
Linux Jira IntelliJ
Visual Studio Code

AWARDS

ConUHacks V Winner (01/2020)
Awarded at Concordia University's hackathon for my team's Augmented Reality game app

VOLUNTEER WORK

Montreal Children's Hospital (2018 - 2019)
Managed the distribution of toys to children in the emergency waiting room

Costa Rica Service Trip (02/2017)
Volunteered, planted trees and gave away $4500 worth of goods at the Asociación Obras del Espíritu Santo orphanage and Chachagua primary school

LANGUAGES

English
Native or Bilingual Proficiency

French
Full Professional Proficiency

Italian
Elementary Proficiency

TRAITS & INTERESTS

Competitive Dancing Cooking
Teaching Empathetic Hardworking
Leadership Patient