

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
- Data Structures and Algorithms
- Web Programming
- Operating Systems
- Information Systems Security
- 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