

Salim Y. Soufi

Canadian Citizen | salim_soufi@icloud.com | (780)-235-7761 | LinkedIn: [Linkedin](#) | GitHub: ssoufii

EDUCATION

University of Alberta

Edmonton, Alberta

B.Sc. in Computer Science, Specialization

Expected Graduation, April 2026

- o **Related Coursework:** Data Structures & Algorithms, Object-Oriented Programming, Statistics & Applications, Practical Programming Methodology, Ethics in Data Science & AI, Data Acquisition & Analysis, Formal Systems & Logic, Discrete Mathematics, Linear Algebra, Calculus I & II
- o **Certificates:** Applied Data Science, Leadership
- o **Scholarships:**
 - o TD National Scholarship for Community Leadership
 - o Leroy Warden Scholarship

EXPERIENCE

Agora Work

Edmonton, Alberta

Front-End Application Developer

Sep 2023 – current

- Collaborated closely with the founder and team members through weekly meetings to align project goals, discuss progress, and strategize future development plans, ensuring the app's success and growth
- Played an integral role in the all around development process, from conceptualization and design to implementation and testing, contributing to the creation of a cohesive mobile application

Rehabilitation Robotics Lab, University of Alberta

Edmonton, Alberta

Data Science Intern

May 2023 – Sep 2023

- Contributed to the development and research of a novel force meter designed for remote clinical assessment of shoulder injury patients.
- Calibrated and interpreted complex sensor data from the device utilizing Python libraries such as Pandas, Matplotlib, Bokeh, and NumPy to analyze large datasets and identify significant trends.

M2M TECH

Edmonton, Alberta

Data Science Intern

Sep 2022 – Dec 2022

- Used Python's NumPy and Pandas libraries to proficiently organize and manipulate large datasets, showcasing my data analysis and manipulation skills
- Leveraged Python's Bokeh extensive functionalities to plot my cleaned data on interactive graphing models

PROJECTS

Agora App | JavaScript & React Native

Edmonton, Alberta

Project Lead

Sep 2023 – current

- Utilized Figma's prototyping features to design a visually appealing and user-friendly interface for a mobile application
- Using React Native & JavaScript to develop a cross-platform mobile application that delivers a consistent user experience across iOS and Android platforms

Space Invader | Python

Edmonton, Alberta

Project Lead

Nov 2018 – Jan 2019

- Implemented a Space Invaders game using Python and Pygame, featuring a player-controlled spaceship, invaders, and bullets
- Designed object-oriented classes for Player, Invader, Bullet, and InvaderBullet, with functionalities for movement, shooting, collision detection, and score tracking

ACTIVITIES AND LEADERSHIP

The Meliori Project

Edmonton, Alberta

Founder

Nov 2022 – Current

- President of a non-profit organization of 10 members that works with young adults, helping them navigate their career paths after graduation. Hosting dozens of events a year held at local highschools and universities

SKILLS

Programming: Python, HTML/CSS, JavaScript, MATLAB, C/C#, R, SQL

Tools: VS Code, Visual Studio, Jupyter Notebook, Pycharm, Git, Github, Figma, Unity, VMware Fusion, Capcut, Wireshark

Libraries: Numpy, Matplotlib, Scipy, Pandas, Bokeh, stdlib.h, stdio.h, React Native, Next.js