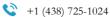
ALEXANDER ACHCAR

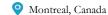


x achcar.alexander@gmail.com









EDUCATION

MCGILL UNIVERSITY, SCHOOL OF COMPUTER SCIENCE

2020 - 2023

Candidate for Bachelor of Science Degree in Software Engineering 2023

Montreal, Canada

Major: Software Engineering Minor: Neuroscience

Notable Skills: Requirements Specification/Elicitation (Peer-to-Peer and Client-Server Modelling), Data Analysis,

Utilizing Design Patterns, Object-Oriented Programming, Artificial Intelligence, Machine Learning

Notable Courses: Algorithms and Data Structures (COMP251), Software Design (COMP303), Software Design Project (COMP361D1), Artificial Intelligence (COMP424), Software Validation (ECSE429), Intelligent Software Systems (COMP585), Applied Machine Learning (COMP551), Software Privacy (COMP555)

MARIANOPOLIS COLLEGE

2018 - 2020

Montreal, Canada

Montreal, Canada

Attained DEC diploma in Pure and Applied Sciences completed in June 2020

EXPERIENCE

TECHNOLOGY SUMMER ANALYST

May - August 2022

Citi Canada - Mississauga

- Performed Data Analysis on large datasets to draw effective and accurate conclusions on trade impacts.
- · Leveraged Python, SQL, and AWS features to develop software aimed at improving the current processes in the lifecycle of my team at Citi.
- · Actively absorbed new insights on upcoming trends in both technology and finance which I took advantage of to offer unique solutions on a variety of different projects.

CODING/STEM COURSE INSTRUCTOR

June - August 2021

First Code Academy - Hong Kong

- · Taught a variety of Computer Science related topics such as Python, JavaScript, and Video Game modding to children aged between 7 and 16 through both remote and in-person means.
- · Produced educational tutorials on many topics such as creating utilities in JavaScript or using MIT's App Inventor for First Code Academy's YouTube
- · Created daily lesson recaps and maintained a line of direct communication with parents.

RESEARCH INTERN

June - August 2020

Actel Consulting - Hong Kong

- · Conducted research and delivered insights related to internet economy in South East Asia.
- · Constructed, designed, and assisted presentations to clients and investors on a wide range of tech topics including broadband, fibre, data centres and
- · Shadowed meetings and discussions regarding the application of my research.

SOFTWARE DEVELOPER INTERN

Ni2 Software - Montreal

June - August

- · Cooperated with a team of six developers to create, ship, and update the front and back end of Ni2's open technology platform.
- · Augmented search queries through the use of an XML language tailored to Ni2's platform.
- Operated in Python to build code and edited outdated code written in Java.

2017 & 2019

LEADERSHIP AND INVOLVEMENT

THIRD PLACE AT BOLT MCGILL HACKATHON/BOOTCAMP

September 2020

McGill University - Montreal

- Constructed a product grounded in EdTech by leading a group of four.
- · Pitched our UI in Figma and a detailed business plan to a panel of four experienced professionals in the industry who judged the project as a very innovative product.
- Attained the fundamentals of product design and product management.

SECOND PLACE AT MARIHACKS HACKATHON

March 2020

Marianopolis College - Montreal

- · Spearheaded a team of four to build a program using Python that crawled the internet for solutions to schoolwork questions captured with a single image.
- · Programmed a chatbot using Keras and TensorFlow to help answer basic questions about a variety of topics.
- · Outperformed 15 teams and placed second in Montreal's largest 24-hour College-level hackathon

Head of Production at TEDxMarianopolisCollege and Marianopolis Talent Show and participated in the Canadian Computing Competition (Senior Level)

SKILLS & INTERESTS

SOFTWARE & APPLICATIONS

Java, Python, C, Unix, HTML5, CSS, JavaScript, React, Next.js, AWS, Docker, Django, Jenkins, PyTorch, SQL, RESTful APIs, Git, BitBucket, Jira, Figma, IntelliJ Debugging, jUCMNav, SonarQube, Facebook Infer

INTERPERSONAL AND COMMUNICATION SKILLS

Collaboration and Teamwork, Analytical and Critical Thinking, Organized, Integrating Feedback, Design-Oriented, Working under Pressure

LANGUAGES

English (Fluent), French (Comprehensive), Mandarin (Basic)

Artificial Intelligence, Big Data, Product Design, Cloud, UI & UX, Track and Field, Podcasts