

Aly Shariff

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EDUCATION

Honours Pure and Applied Science
Marianopolis College, Montreal, QC

Aug 2022 - Present

High School Diploma
Collège Jean-de-Brébeuf, Montreal, QC

2017 - 2022

EXPERIENCE

Software Developer
DoorHan International

Feb 2023 - Present

- Working on a mobile app to help improve the efficiency of the work of contractors at the company
- Building a full stack web application for administrators to manage their employees
- Tools used: React, NodeJS, Postgres

Finance Assistant
Gestion Immobilière Anwar Inc, Montreal, QC

Apr 2022 - Present

- Built an automated document processing software for the company using Python. Increased efficiency by more than 50%
- Worked with accounting softwares (Sage 50 and Microsoft Excel) to process client data and manage revenues
- Compiled credit card receipts and tracked company monthly spendings
- Helped organizing financial sheets and accounting statements

Co-founder and Co-CEO
EVO Pressure Washing, Montreal, QC

Apr 2022 - Aug 2022

- Founded a pressure washing and paver treatment company that made \$11,000 of revenue in less than 3 months
- Developed a treatment to make exterior pavers look brand new after extensive research
- Participated in all facets of the business and learned more about online marketing and finance management

Co-founder and CEO
AXYAS Tutoring Service, Montreal, QC

Jul 2020 - Aug 2022

- Founded an online tutoring service to help students facing academic difficulties during the COVID pandemic
- Managed a team of 50 high school and CEGEP tutors teaching over 100 students
- Developed and grew the business for 2 years, generating \$45,000 of sales, and acquiring leadership and communications skills
- Made a 3-week-long summer camp in 2021 to help younger students prepare for their high school admissions exams

Camp Counsellor
Camp Discovery Ismaili, Canada

Jul 2021 - Jul 2021

- Volunteered as a counsellor for a week-long online summer camp
- Organized and lead activities to younger children that aimed to develop creativity, mindfulness, and a growth mindset

SKILLS

Programming	JavaScript, React, React Native, MongoDB, NodeJS, Python, Tensorflow, HTML, CSS
Language	English (advanced), French (advanced)
Proficiency	

PROJECTS

TEDED Student Talk

<https://www.youtube.com/watch?v=PI3vavCDoF8>

Made a TED Student Talk where I spoke about the entrepreneurial mindset as the future of education

ASL Translator *Python, Tensorflow, MediaPipe, Pandas*

<https://github.com/Freakboy123/ASL-words-translator>

A machine learning project (for Science Fair) focused on building a program that translates American Sign Language gestures into English Text. This involved scraping data from the Internet, processing and analyzing video and text data as well as training multiple neural network architectures.

SOFOS *JavaScript, React Native, Expo CLI*

<https://github.com/Freakboy123/sofos>

A mobile app startup built for the Junior Achievement Quebec program. SOFOS aims to improve people's general knowledge

The Chat App *JavaScript, React, NodeJS, MongoDB, SocketIO*

<https://github.com/Freakboy123/the-chat-app>

A real time chat application built using the MERN stack. Allows users to create an account and start chatting with their friends using the web interface.

XChange *JavaScript, React, Python, C++, Matplotlib*

<https://github.com/xinlei55555/CONUHACKSVII>

An application made for the National Bank of Canada challenge in ConuHacks, built to visualize transactions between exchanges using graphs and tables. A machine learning algorithm was also designed to detect anomalies in the transactions.

AWARDS

2nd place Hackathon Winner *Jan 2023*

BrébeufHx

Rewarded for having built a web application that uses machine learning (unsupervised recommender system) to recommend books to teenager based on their interests.

1st place Machine Learning Hackathon Winner at PolyHx *October 2022*

PolyHx (Université de Montréal - École Polytechnique)

Award recognized for having coded a supervised machine learning algorithm with the highest overall score (F1 Score, accuracy and fairness) for a given problem and dataset.

1st place Hackathon Winner *Feb 2022*

BrébeufHx

Built a website to inform people about children's rights and living conditions around the world. Used the Unicef API to display data on an interactive map.

2nd Place Winner at IBY+ Hacks 2021 Hackathon *Jun 2021*

Innovation by Youth Lab

Built "Online Made Easy", a web app that aims to help students organize their online studies

AQJM Contest Finalist *2021*

AQJM

Waterloo Pascal Contest School Finalist *2020*

Waterloo University