

Khalil Virji

 github.com/khalilv  [linkedin.com/in/khalilvirji](https://www.linkedin.com/in/khalilvirji)  khalil.virji1@gmail.com  khalilv.github.io

EDUCATION

McGill University

B.Sc Major Mathematics and Computer Science

Montreal, QC

Graduation: 2022

- **GPA:** 3.88/4.0
- **Relevant Coursework:** Algorithms, Operating Systems, Software Design, Databases, Information Privacy

EXPERIENCE

CloudOps

Cloud Developer Intern

Montreal, QC

05/2021 - 08/2021

- Used Java and Spring Boot to develop features on a public facing API
- Worked with Vue.js, MySQL, Elasticsearch, and testing frameworks such as Spock, Jest, and JUnit
- Improved monetization of the platform by allowing discounts and credits to be applied to monthly invoices

Dynamic Integration Technologies

Co-Founder and Software Engineer

Montreal, QC

06/2020 - 02/2021

- Engineered and developed a core component for an RFID touch-less checkout system
- Worked with RFID readers, tags, and antennas, Linux operating systems, and APIs to interact with the readers
- Learned entrepreneurial and management skills required in launching a startup

Sensequake

Web Developer

Montreal, QC

5/2020 - 09/2020

- Used Node.js, Express.js, MongoDB, HTML, and CSS to develop an improved web portal for clients
- Worked with AWS services including S3, Lambda and EC2
- Implemented an automatic modal analysis algorithm and real-time vibration graphs from raw sensor data

Traction on Demand

Developer Intern

Montreal, QC

01/2020 - 03/2020

- Studied aspects of the Salesforce platform including app development, security, and database architectures
- Improved clients business processes by developing interactive lightning components, automated workflows, and analysis algorithms
- Applied my knowledge of Salesforce by achieving over 50 Trailhead badges and becoming proficient in writing Apex code and SOQL queries

PROJECTS

Legends of Andor

Java, XML, Spring Boot, Android Studio, IntelliJ

Group Project 2020

github.com/khalilv/LegendsOfAndor

- Developed a multiplayer, turn-based game for android devices using Android Studio, Spring Boot and IntelliJ

Terminal Shell Clone and Mock File System

C

Academic Project 2019

github.com/khalilv/tinyShell

- Implemented a mock shell and file system using C and its standard libraries
- Worked with low level system calls, signal handling, internal commands, and memory allocation

CERTIFICATES AND AWARDS

Salesforce Certified Platform Developer 1, 2020

MTA: Introduction to Programming using Java Certified, 2019

MTA: Database Fundamentals Certified, 2019

OTHER TECHNICAL SKILLS

Object Oriented Programming, Python, JavaScript, Bash, Git, IoT, Android Development, CI/CD