CARL MACHAALANI

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EDUCATION

McGill University, Montreal QC
BS Joint Computer Science and Statistics
GPA: 3.97
Expected Graduation Year
December 2023

SKILLS

- Python
- JavaScript
- TypeScript
- Java
- Spring
- HTML & CSS
- React
- Django
- NestJS
- Svelte

HACKATHONS

- **Smart Alert** (McHacks 2021): an Android app that alerts people with hearing loss that their fire alarm has been activated.
- **McUnity** (CalgaryHacks 2021): an Android app that helps McGill students to easily find course group chats and make meaningful connections.

PERSONAL PROJECTS

- **StarSocial**: JS, Python, and Django.
- **MyBlog**: JS, Python, and Django.
- **SnakeGame**: React and Bootstrap.

EXTRACURRICULAR ACTIVITIES & AWARDS

- Scout Leader
- Student of the Year 2019-2020
- Class President and Student Council Member
- Lead Actor
- Football Captain
- Piano Player

EXPERIENCE

FULL STACK DEVELOPER INTERN

Société Générale, Montreal QC | September 2021 – Present

- Developed the frontend and backend of an internal web application that allows HR members to easily create and upload job descriptions to the company's careers website and other recruiting platforms using React, Java Spring, and PostgreSQL.
- Evolved existing tools and created new tools to facilitate the different tasks of the team.

BLOCKCHAIN DEVELOPER

Blockchain Lab at McGill, Montreal QC | September 2021 – Present

- Worked with the team to build a proof-of-concept blockchain.
- Collaborated with companies to provide blockchain development tools and libraries.

TEAM MENTOR

McGill University, Montreal QC | September 2021 – Present

- Worked one-on-one with struggling students to help them better understand programming concepts.
- Held office hours and managed practice sessions.

FREELANCE WEB DEVELOPER

CityCarRentals, Montreal QC | April 2021 – August 2021

CityCarRentals is an industry-leading provider of car rental services in Toronto and Montreal.

- Designed and developed a full stack web application using React.js, HTML, CSS, Bootstrap, JQuery, and PostgreSQL.
- Integrated an online booking and payment system into the app using Stripe.js.

WEB DEVELOPER INTERN

Apollo DAE Inc., New York US | February 2021 – August 2021

❖ **FRONT-END DEVELOPER** *February 2021 – April 2021*

- Designed and developed the prototype of the mobile application's UI using Svelte.
- Collaborated closely with a team of 4 members to build new features for easier analysis of cryptocurrency charts using D3js.

❖ **FULL STACK DEVELOPER** *April 2021 – August 2021*

- Worked with a team to build and design an audio collecting application for the eventual implementation of speech-to-text using React, Bootstrap, and Firebase.
- Lead weekly meetings with UI/UX designers and other developers to discuss the progress of the application's development.