CARL MACHAALANI

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EDUCATION

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

HARD SKILLS

- OOP
- Data Structures and Algorithms
- English
- French
- Arabic

SOFT SKILLS

- Communication
- Time Management
- Creativity
- Attention to Detail
- Teamwork Skills

LANGUAGES

- Python
- Java
- C
- OCaml
- Unix
- Matlab

- HTML & CSS
- JavaScript
- Django
- R
- Assembly

EXTRACURRICULAR ACTIVITIES & AWARDS

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

EXPERIENCE

FRONTEND WEB DEVELOPER INTERN

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

- Built and designed stock charts for a fully responsive mobile application using HTML, CSS, and D3.js.
- Worked with UX, UI, and backend developers to understand the big picture and synchronize work efficiently.

PERSONAL CODING PROJECTS

September 2019 – Present

- Built and designed an Android app, SmartAlert, using Android Studio, during the McHacks Hackathon 2021 – Smart Alert is an app that alerts people with hearing loss that their fire alarm has been activated.
- Built and designed an Android app, McUnity, using Android Studio and Firebase, during the CalgaryHacks Hackathon 2021 – McUnity helps McGill students easily find their class group chats prior to the start of the semester and make meaningful connections with their classmates.
- Built and designed StarSocial: a website that connects astronomy lovers, using HTML, CSS, JS, Python, and Django.
- Built and designed MyBlog: a blog for my own company, using HTML, CSS, JS, Python, and Django.

ROBOTICS ENGINEER

Saint Joseph School, Beirut Lebanon | September 2017 – July 2019

- Built Lego Robots and coded via EV3 Mindstorms.
- Conducted tests, gathered data, and graphed trends with team members to optimize performance and enhance designs.
- Won 1st prize in the Lebanese American University Autonomous Sumo Robot competition in 2018.
- Won 2nd prize in the Lebanese American University Robotics Line Tracking competition in 2019.
- Won 3rd prize in the WRO World Robotics Olympiad in 2019.

SOCIAL MEDIA MARKETER

Prep101, Montreal QC | August 2020 – Present

- Spread awareness of helpful tutoring services in a variety of freshman courses on social media platforms such as Facebook.
- Shared resources and study material to help students perform better on exams.

PRIVATE SCIENCE TUTOR

Self-Employed, Beirut Lebanon | October 2018 – May 2019

- Worked one-on-one with struggling students to raise their GPA.
- Built and strengthened positive relationships with students and parents.