

Saif Abdelkefi

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SUMMARY

A recent McGill graduate and Software professional with 3+ years of experience. I have a strong foundation in web technologies especially Typescript, React and Node.js, and a deep understanding on how things work under the hood. Dedicated to writing maintainable efficient composable code and collaborating with cross-functional teams to deliver high-quality software.

PROFESSIONAL EXPERIENCE

Software Developer (started as intern), PixMob, Montreal, Canada

May 2023 – Aug 2024

- Designed, implemented and tested features and UI components in a web application for 3D light show visualization using Three.js and React TypeScript
- Developed and maintained backend systems using Prisma, PostgreSQL, and Firebase, transforming an application into a scalable CRUD platform to streamline tailored access to inventory and resources for internal employees and clients
- Planned, shaped, and implemented an over-the-air device firmware update feature by integrating multiple systems, including a web application's front-end and back-end, and a bridge application for polling devices status in the database

Intern Developer, Raymond Chabot Grant Thornton, Montreal, Canada

May 2022 – Apr 2023

- Designed and developed a PowerBI integrated application that manages the comments of financial statements and the relation between the CFO and the accountants. The app was sold to two clients for over 80,000\$

Coding Teacher, BLI, Montreal, Canada

Sep 2021 – May 2022

- Designed a Python programming course and taught it to over 20 high school teenagers and Guided them to come up with creative and optimal designs for their programs

ÉDUCATION

Bachelor of Science, McGill University, Montreal, Canada

Sep 2020 – Dec 2024

- Major in Computer Science, minor in Mathematics

Exchange Semester, Lund University, Lund, Sweden

Sep 2023 – Dec 2023

PROJETS ET EXPERIENCES EXTRA-SCOLAIRE

Executive member in CodeJam, the biggest annual hackathon in McGill

- Supported and assisted hackers in the realization of their projects
- Development of registration and team matching features on the CodeJam website
- Conducted a backend programming workshop (Node.js, Express, and MongoDB) for beginners

Project: 2022 FIFA World Cup Predictor

- Trained an SVM machine learning model that accurately predicted the 2022 FIFA World Cup final between France and Argentina, correctly crowning Argentina as the winner
- Developed a Django-based web application that runs this model in the backend