

MATTHEW CABRAL

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Education

McGill University

Sept 2021 - May 2025

BEng in Software Engineering (3.94 GPA)

- **Courses:** Model Based Programming with UML diagrams, Version Control, Object Oriented Programming in Java, Time Complexity, Algorithms, Data Structures, and Boolean Arithmetic

Skills

Languages: Python, Java, JavaScript, TypeScript, C, HTML, CSS, SCSS

Technologies: React.js, Selenium, Git

IDE: VS Code, Eclipse

Professional Experience

Exterior Solutions QC Inc.

Quebec, CA

Co-Founder

April 2021 – Present

- Managed a team of door-to-door salesman and numerous social media platforms to obtain clients.
- Finished Q3 and Q4 of 2021 profitable.

Prêts Québec/Loans Canada

Quebec, CA

Junior Web Developer

October 2021 – Present

- Handled web development regarding French content on Prêts Québec child company of Loans Canada.
- Used MySQL relational database, while developing with PHP, Twig template engine and WordPress.
- Met deadlines on Asana and produced code overseen before it heads to production.

Fygo

Quebec, CA

Junior Front End Web Developer

Feb 2021 – Sept 2021

- Contracted to replicate the IOS app as a web page to integrate app clips for Android users.
- Produced template of the homepage before being contracted to show case my skills as a developer.
- Learned Sveltekit, Tailwinds CSS, and Google Firebase to be accustomed to the workflow of the team.

Personal Projects

PictoDocReader

McHacks Hackathon (McGill University)

[100.0% Python]

Jan 2022 (36 Hours)

- Created a Dash web application that can locate an image within a pdf file uploaded to the application.
 - Used previous knowledge regarding time complexity to optimize search algorithms for finding the images.
 - Used Google Cloud to store all assets uploaded to the application in order to back test in the future.
- Awarded the “Teachers Pet” award for the best project relating to the education sector.

LIA: An interactive memory aid

New Hacks Hackathon (University of Toronto)

[71.5% Javascript, 21.1% Python]

November 2021 (24 Hours)

- Created a medium for those suffering from memory loss to maintain everyday conversations.
 - Used artificial intelligence and a chat service to facilitate the communication.
 - Used Python for the AI and MongoDB, React, and Node for the web application/chat service.
- Awarded the “Best Health Hack” award for the best project that solves a real-world health problem.