MATTHEW **CABRAL**

Email: matthew.cabral@mail.mcgill.ca

LinkedIn: linkedin.com/in/matthew-a-cabral

Phone Number: 514-743-7101

Website: matthew-cabral.com

Professional Experience

Ericsson Canada – Software Developer Cloud RAN; Montréal, Canada — August 2022 – Present

- Developed portal for customer solution which **drove local network speed up 20%** by enabling the customer to provision nodes on a 5G network while also being able to manage customers on the deployed network.
  - Used HTML, CSS, and JavaScript for the front end, Go for the backend, MongoDB for the database, and OpenShift on top of Kubernetes for container orchestration and deployment all while developing on Linux.
- Built open source orchestrator tool to reduce node deployment time by turning components into reusable and rearrangable microservices in the form of Ansible playbooks and orchestrating their execution**.**

Ericsson Canada – Software Developer Intern; Montréal, Canada — May – August 2022

- Lead development of web application to demonstrate use case to customer. Used HTML, CSS, and JavaScript for front end development and Typescript for API. **Reduced application size by 74%** by bundling with Webpack and reducing external library dependency, in turn **decreasing load time 90%**.

McGill Community of Hackers and Programmers Club – Co-President — July 2022 – Present

- Created a club to give members the opportunity to develop medium-scale projects by providing a framework to easily contribute to project workflows using modern ways of working such as Agile, incorporating sprints, tickets, stories and with the help of tools such as Jira Software or Github Projects.

Loans Canada – Web Developer; Montréal, Canada — October 2021 – May 2022

- Developed portal for members to receive free credit scores using PHP, HTML, SASS, JavaScript, Vue.js, Inertia.js, and Laravel which **increased website traffic by 8.1% in less than 3 weeks**.

Fygo – Web Developer; Montréal, Canada — February – September 2021

- Provided a medium for Android customers to use Fygo by creating a web application with Sveltekit, Tailwinds CSS, and Google Firebase.

Personal Projects

WorkPlanner — August 2022 – Present

- Provided solution to a client in need of a more intuitive and adaptive employee management system by incorporating system requirements expressed by the client into a full stack application.
- Used React.js, Next.js, SQL relational database, and Java Spring Boot for a restful API all while containerizing each microservice and using Docker Compose to run them in unison.

PictoDocReader; McHacks Hackathon (McGill University)

- Devised a solution to solve the problem of locating images within large documents such as textbooks by using the notion of threads, previous knowledge regarding Python and time complexity to create our own search algorithm **which resulted in winning an award for the best hack related to education**.

Education

McGill University – BEng in Software Engineering Co-Op (3.86 GPA) — Sept. 2021 – May 2025

Material encountered: Client and System Requirements, Model-Based Programming including UML diagrams, Test Driven Development (TDD), Object Oriented Programming, Algorithms and Data Structures.