

# Elias Mahamane Sidi

(514) 214-8616 | [My Website \(Portfolio\)](#) | [elias.sidi@gmail.com](mailto:elias.sidi@gmail.com) | [LinkedIn](#) | [Github](#) | Ottawa, ON

## Summary

- Software Engineer passionate in the art of building and creating solutions in the form of software
- Out-of-the-box thinker committed to continuous improvement and skill refinement to excel as an Engineer
- Bilingual proficiency enhancing versatility and adaptability in both independent and collaborative work environments

## Work Experience

**Developer Core Intern** | Ottawa, Ontario

**Innovapost** | 05/2023 - 08/2023

- Demonstrated proficiency of HTML/CSS/Java within the Angular CLI framework on the Canada Post website serving a user base of 193 million monthly visitors
- Collaborated within a scrum development environment to ensure project progression and adherence to timelines while fostering seamless communication with UI/UX designers
- Provided extensive full-stack development support for a live project leveraging Spring Boot and Angular CLI to integrate code and tests effectively

**Data Analyst Intern** | Ottawa, Ontario

**Innovapost** | 09/2022 - 12/2022

Ottawa , Ontario

- Identified and rectified over 20 failing Teradata jobs encompassing datasets of up to 100 million entries during the version migration process
- Crafted and implemented three comprehensive test plans for Teradata jobs meticulously aligning with company standards and precise workload estimations
- Effectively remediated failing jobs through clear communication with fellow developers and close collaboration with the Quality Assurance team

**Administration Assistant Intern** | Montréal, Québec

**Oxfam-Québec** | 05/2019 - 08/2019

- Developed and delivered a comprehensive training program for over 50 employees and staff members empowering them with essential skills in utilizing Box effectively
- Investigated and resolved IT issues promptly, ensuring uninterrupted workflow and minimizing downtime
- Conducted extensive research to identify and evaluate communication software solutions that met strict security and compliance requirements

## Software Engineering Project

- Collaborated closely with the team to design and implement a clean architecture, emphasizing scalability and efficiency, while ensuring frontend design focused on user experience and intuitive interfaces.
- Took ownership of both backend and frontend development tasks, leveraging .NET Core and TypeScript React to deliver high-quality solutions.
- Engaged in constructive dialogue with clients throughout the project lifecycle, actively listening to their feedback and incorporating it into the development process.
- Demonstrated a commitment to quality by developing comprehensive test suites for the application, ensuring its reliability and maintainability.

## Education

**University of Ottawa** | Ottawa , Ontario

**Software Engineering** | 01/2024

- **Relevant Coursework** : Real-time systems design, Data communication and networking, Design of secure computer systems, Databases, Formal Languages, Operating Systems, Software Design and architecture, User Interface Design

## Skills

- **Programing Language** | Java, Python, HTML, CSS, JavaScript, Typescript, C#, SQL, C, C++, Go, Scheme, Prolog
- **Frameworks and technologies** | .NET 6, React, Node.js, Vite.js, Mui, Semantics UI, Springboot, Angular, Bootstrap, CQRS, PostgreSQL, PgAdmin, Firebase, Unity, Docker, Kubernetes, MySQL, Azure, AWS, Google Cloud
- **Tools and Software** | Windows, Linux, Visual Studio Community, Android Studio, Wireshark, Postman, Jira, Git, Arduino, Beaglebone, CICD, DevOps, API
- **Languages** | French (Native), English (Fluent)