

Elias Mahamane Sidi

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Summary

- Recent graduate in Software Engineering with a fervent enthusiasm for cutting-edge technologies and a penchant for problem-solving
- 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

- **Programming Language** | Java, Python, HTML, CSS, JavaScript, Typescript, C#, SQL, C, Go, Scheme, Prolog
- **Frameworks and technologies** | .NET 6, React, Node.js, Vite.js, Mui, Semantics UI, Springboot, Angular, Bootstrap, CQRS, PostgreSQL, PgAdmin
- **Tools and Software** | Windows, Linux, Visual Studio Community, Android Studio, Wireshark, Postman, Jira, Git, Arduino, Beaglebone
- **Languages** | French (Native), English (Fluent)