Yassine Moumine

⊗ Light Mode

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Summary

An ambitious adept professional with a broad range of IT expertise. Known for my quick learning ability, excellent communication skills, and initiative.

Education

BASc University of Ottawa, Computer Engineering (CO-OP)   Ottawa, ON
- GPA: C+ (Transcript ↗)   Sept. 2019 to Dec. 2024
- **Relevant Coursework:** Data Structures and Algorithms **(Java)**, Software Design and Architecture **(Java)**, Operating Systems **(Java & C)**, Programming Paradigms **(Java, Go, Prolog & Scheme)**, Advanced Programming Concepts With **C++**.

Experience

Canada Revenue Agency, Software Engineer   Ottawa, ON
- Selected as one of 2 international students for the 8-month DevLabs training program, aimed at learning cutting-edge technologies, such as **Azure Cloud, Machine Learning, Deep Learning, Natural Language Processing,** etc.   Sept. 2023 to Apr. 2024
8 months
- Built a **Spring** web app, automating its deployment using **Jenkins**, **Maven** & **JFrog**.
- Maintained an InnerSource project using **Angular** (**TypeScript**), **Express** (**JavaScript**) & **OpenShift**.

RenterII, Software Developer   Winnipeg, MB
- Developed a web admin portal for managing a mobile app, with 1000+ downloads, by streamlining data visualization utilizing **React**, **JavaScript** and **Firebase**.   May 2023 to Aug. 2023
4 months

University of Ottawa, Software Engineer   Ottawa, ON
- Led the frontend development of the Coop Mobile app using **React Native**, achieving +1000 downloads, by enhancing **UI/UX design** to simplify the job application process.   Jan. 2023 to Apr. 2023
4 months
- Maintained a job inventory **ASP.NET MVC** web app, deploying and revamping 80% of the site and achieving a 50% increase in user engagement using **HTML/CSS**, **JavaScript**, **C#**, and **Entity Framework** ORM.
- Developed a calendar for university events without any libraries/frameworks, further enhancing the application's usability.
- Directed a 3-person QA team and managed interviews for 5 prospective candidates.

University of Ottawa, Full Stack Web Developer   Ottawa, ON
- Worked closely with clients, maintaining a student services **PHP** web app with a **Restful API**, using **JavaScript** and **Twig** Engine for client-side rendering.   Sept. 2021 to Dec. 2022
1 year 4 months
- Led the **MariaDB** server upgrade analysis, ensuring compatibility, data integrity, and backup effectiveness.
- Provisioned development and QA servers and gained knowledge of **Bash** (**shell** scripting), **Vagrant**, **GitLab** CI, infrastructure, and virtualization
- Enhanced web accessibility for screen readers by 20%, using accessibility extensions & referring to **WCAG 2**.

Projects

Similarity Image Search Engines | ⌗ **| Java, Go, Prolog, Scheme**
- Achieved an A+ grade by developing variants of an image search engine across multiple programming languages, demonstrating adaptability in handling computer vision tasks.

Novigard Service App | ⌗ **| Java, Android Studio, Firebase**
- Collaborated in a team of 4 to create a mobile app that allows users to obtain a driver's license, photo ID, or health card.

Rental AI | 🔗 | **Next.js (TypeScript), Tailwind, Flask (Python), JupyterLab (ML)**
- Developed a rent price prediction web application, processing over 100 listings and achieving 80% accuracy, by integrating a machine learning RF model and external APIs.

YETII | 🔗 | **TypeScript, JavaScript, Angular Material**
- Built an Angular to-do list application utilizing Express server and Sequelize ORM on a PostgreSQL database, incorporating user authentication and drag-and-drop.

Machine Learning Experiments | 🔗 | **Python (Numpy, Pandas, scikit-learn, etc.)**
- Conducted various supervised and unsupervised learning experiments, achieving +90% accuracy, by processing data, optimizing models and using Azure's AutoML tool.

Additional Experience And Awards

uOttaHack 6 | 🔗 | Developed an EV dashboard for map navigation using Android Studio, Jetpack Compose & Kotlin.

SCRUM Master | 🔗 | Secured PSM1 certification & led the software development for my 6-member Capstone project.

Microsoft Azure AI-900: Securing certification demonstrating fundamental AI concepts related to the development of software and services of Microsoft Azure to create AI solutions.

Top 8 finalists, the 2023e of the Entrepreneurship Concepts Competition | 🔗 | top 8 finalist among +100 applicants earning the opportunity to present my TA/RA matchmaking project before renowned tech industry judges.

Deferential Scholarship recipient: for taking french classes.

International Student Scholarship awardee: Admission Average of 91.75%.

Skills: JavaScript, Angular, React, Typescript, Java, C#, Kotlin, .NET, Azure Cloud

References available upon request.