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, exceptional communication skills, and dedication to my work. I am eager to showcase my skills and delve in the world of research.

Education

BASc University of Ottawa, Computer Engineering (CO-OP)

Ottawa, ON
Sept. 2019 to Dec. 2024

- GPA: C+ (Transcript ⧉)
- **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
Sept. 2023 to Apr. 2024
8 months

- Selected as one of 2 international students for the 8-month DevLabs training program, aimed at learning cutting-edge technologies, such as **Machine Learning, Deep Learning, Natural Language Processing,** etc.
- Conducted **research** and development on emerging technologies, creating +7 comprehensive documentations and presenting findings to the team, through workshops.
- Maintained an InnerSource project using **Angular** (**TypeScript**), **Express** (**JavaScript**) & **OpenShift**.

RenterII, Software Developer

Winnipeg, MB
May 2023 to Aug. 2023
4 months

- Developed a web admin portal for managing a mobile app, with 1000+ downloads, by streamlining data visualization utilizing **React**, **JavaScript** and **Firebase**.

University of Ottawa, Software Engineer

Ottawa, ON
Jan. 2023 to Apr. 2023
4 months

- 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.
- Spearheaded the IndEX web app's deployment, revamping 80% of the site and achieving a 50% increase in user engagement using **HTML/CSS**, **JavaScript**, **C#**, **.NET**, and **EF**.
- 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
Sept. 2021 to Dec. 2022
1 year 4 months

- Led in-depth **research** for the database server upgrade analysis, ensuring compatibility, data integrity, and backup effectiveness.
- Delivered high-quality code using **JavaScript** and Twig engine, while maintaining the **RESTful API** and **PHP** MVC Back-end.
- Enhanced web accessibility for screen readers by 20%, using accessibility extensions & referring to WCAG 2.

Projects

Similarity Image Search Engines | ⚲ | **Java, Go, Prolog, Scheme**

Feb. 2024 to Apr. 2024
3 months

- Achieved an A+ grade by developing variants of an image search engine across multiple programming languages, demonstrating adaptability in handling computer vision tasks.

Rental AI | ⚲ | **Next.js (TypeScript), Tailwind, Flask (Python), JupyterLab (ML)**

Feb. 2024 to Mar. 2024
2 months

- 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.

Machine Learning Experiments | 🔗 | **Python (Numpy, Pandas, scikit-learn, etc.)**

Dec. 2023 to Jan. 2024
2 months

- Conducted various supervised and unsupervised learning experiments, achieving +90% accuracy, by processing data, optimizing models and using Azure's AutoML tool.

Research Papers

The Cultural Evolution of a Moral Character: The Mad Scientist, Y. Moumine   Apr. 2022
Article ↗

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: ML, NL, Java, Python, Go, JavaScript, C#, C/C++, SQL, PHP, LaTeX, etc.

References available upon request.