

Asmae Mouradi

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Full Stack Software Engineer

EDUCATION

AL Akhawayn University, Ifrane, Morocco

2020 - Present

- Bachelor of Computer Science and Minor in Mathematics.
- Coursework: Algorithms, Data Structures, Object-Oriented Programming, Databases, Software Engineering, Paradigms, Computer Network.

Agnes Scott College, Atlanta, USA

January 2023 - May 2023

- Bachelor of Computer Science and Minor in Mathematics.
- Coursework: How to Think Like a Data Scientist, Math Modeling and Applications, Number Theory, Theater.

EXPERIENCE

Machine learning Intern

August 2024 - Present

CyberNext Lab DSI, UM6P OCP Benguerir, Morocco

- Developed a machine learning model on a dataset responsible for network attack detection.
- Deploy a Middleware that will integrate with lab architecture to access live network telemetry and report model predictions to the lab SIEM.

Full-Stack Software Engineer Intern

July 2023 - September 2023

IT Shore, Casablanca, Morocco

- Contributed to the development of a mobile app for VIVO clients, utilizing Flutter for the front-end and Odoo for the backend.
- Implemented a mobile application for e-commerce using Flutter and Odoo for the company to use with existing and new clients.
- Collaborated with a multifaceted team to play a pivotal role in delivering top-tier software products successfully.

PROJECTS

Part-Time Software Developer

May 2024 - Present

AL Akhawayn University, Ifrane, Morocco

- Collaborating on the Oral Archiving Platform (OAP), a digital repository for preserving and providing access to oral cultural heritage, including folktales, historical narratives, and personal testimonies.
- Employing GitHub for collaboration, Slack for communication, and Jira for task management to streamline project workflows and enhance team coordination.
- Technologies used: React, Tailwind, Django.

Chatbot Developer

March 2024 - March 2024

Portfolio-chatbot

- Developed and integrated an AI-driven chatbot into my personal portfolio website, designed to interactively respond to inquiries about my professional background.
- Technologies used: React, Tailwind, Llama Index, Flask.

E-commerce Application Developer

September 2023 - December 2023

- Enhancing the shopping experience for users on Windows and Android devices through our mobile e-commerce app, ensuring accessibility for all. We aim to empower customers to make informed choices and provide a diverse product range to meet unique needs, enriching their lives.

- Technologies used: React Native, Tailwind, Django.

Easy Website/Freelance Developer

June 2023 - July 2023

- Designed and developed a website for a client with four different pages: home, about, services, and contact.
- Designed software solutions to meet both functional and non-functional requirements, ensuring precise alignment with client specifications.
- This meticulous approach significantly improved product quality and customer satisfaction, successfully fulfilling the client's requests.
- Technologies used: React, Tailwind.

Defy-Fit Application/Developer

Present

- Developed a mobile application designed to facilitate athletes in coordinating and scheduling matches, providing a user-friendly platform for enhanced sporting engagement and community interaction.
- Experienced in collaborating with international teams, showcasing strong cross-cultural communication skills and a global perspective.
- Effective communicator with stakeholders at all levels, ensuring clear understanding and alignment of project objectives and deliverables.
- Technologies used: React Native, Spring.

TECHNICAL SKILLS

Programming Languages	Python, C, Java, Prolog, SQL, JavaScript
Web Frameworks	Django, Node.js, Odoo, React, React Native, Flutter, KaTeX
Databases	PostgreSQL, MySQL
Design & Modeling	UML, Database Design, System Architecture
Machine Learning & Deep Learning	TensorFlow, PyTorch, Keras, Scikit-Learn,

CERTIFICATIONS

- [Deep Neural Network Certificate](#)
- [Intro to Machine Learning](#)
- [Intermediate Machine Learning](#)
- [Data Visualization](#)
- [Feature Engineering](#)
- [Intro to Deep Learning](#)
- [Data Cleaning](#)

AWARDS

Agnes Scott College

- Honor's List Spring 2023

Al Akhawayn University

- [Dean's List Fall 2021](#)
- [Full Scholarship of Excellence](#)