Adam IMLOUL

python developer | ML engineer | data scientist | java developer

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Education

University of moulay Ismail - Faculty of sciences

Master of Excellence   Data science and artificial intelligence   *Sep 2024-Present*

University of moulay Ismail - Faculty of sciences

License of Excellence   Data science and artificial intelligence   *Sep 2021 - Jul 2024*

Projects

BeAct - Project for managing the members of an association

Designed and implemented an association management system using JEE, Bootstrap, HTML, CSS, and JavaScript, providing:

- **Enhanced Administration**: Enabled administrators to efficiently manage member profiles and events, cutting down manual oversight by **68%**.

- **Seamless Member Experience**: Developed a registration system for events, improving user satisfaction and ease of access.

- **Responsive Design**: Optimized for mobile and desktop use, increasing engagement across devices by **20%**.

Integral Calculator - Self-Directed Project

Built an interactive integral calculator using Python, Tkinter, and SymPy, streamlining complex integrations and enhancing accessibility for educational purposes:

- **Increased Calculation Speed**: Achieved **50%** faster symbolic computations by using optimized functions in SymPy.

- **User-Friendly Interface**: Simplified complex calculations, reducing calculation time for users by **90%**.

Work Experience

Internship (PFE)
University of My Ismail | Meknès, Meknes, MAR

Mar 2024 - Jul 2024

Developed a dynamic **library management system** using Django, CSS3, HTML, and Bootstrap, which led to measurable improvements in library operations:

- **Optimized Catalog Management**: Reduced book retrieval time by 60% with an efficient classification and search system.
- **Real-Time Reservation System**: Enabled users to reserve books with immediate availability updates, boosting user engagement and reducing double bookings by 80%.

Core Skills

Object Oriented Programming, Data Structure, Natural Language Processing, Python Framework, Software Debugging, Python Imaging Library, Full Stack Development, Machine Learning, Artificial Intelligence, Software Development, Python, Java, OCI, Rest Api, Critical Thinking, Communication,Software Development Methodologies, Django, JEE, Bootstrap, NodeJS, React .

Certificates

Rest API (Intermediate) Certificate
HackerRank

Oracle Cloud Infrastructure 2023 AI Certified Foundations Associate
Oracle

API Testing Path
Postman

Languages

English *(fluent)*, *French* *(fluent)*, *arabic* *(Mother tongue)*

Interests

Creating music, Movies, Travelling