MOUHSINE EL MOUDIR

CONTACT

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SKILLS

- AR, VR, MR (XR) : Unity3D, Three.js, WebAR
- Programming : Python, C#, Javascript, Java
- AI & ML & DL : TensorFlow, PyTorch, Scikit-learn
- Database (MySql, MongoDB, PostgreSql)
- Data Analytics & Visualization: Excel, Power BI
- Big Data : Hadoop, Apache Spark, Storm
- Cloud computing : Docker, Kubernetes
- Backend dev : FastAPI, node.js, Django
- Frontend dev : React.js, Angular

LANGUAGES

English - Professional
French - Professional
Arabic - Fluent

HOBBIES

Sport
Painting
Piano

ABOUT ME

Graduated Master's degree in Immersive Technologies and Artificial Intelligence from ENSAM Casablanca, I am currently seeking a PHD to put my skills into practice and deepen my expertise.

FORMATION

Master degree in Immersive Technologies
2023 - 2025
National School of Arts and Crafts Casablanca (ENSAM)

Bachelor degree in Software engineering
2022 - 2023
Essaouira Higher School of Technology (ESTE)

University Diploma of Technology - Data Science and Business Intelligence
2020 - 2022
Essaouira Higher School of Technology (ESTE)

Bachelor's degree in physics and chemistry - BIOF
2019 - 2020
Oued Eddahab High School

EXPERIENCE

Data Science & XR development - Intern
Wafa Assurance - Pilotage & TPE
February 2025- June 2025

- AI chatbot VR simulation in insurance industry for training employees about products and manage client relationship.

Software Engineering - Intern
Perenity Software - IT Department
April 2023- July 2023

- Design and development of a secure software solution serving as an intermediary between two business systems that apply a secure connection.

Web Development - Stage
Lydec - SI Department
April 2022- June 2022

- Development of a complete web application for the management and automatic sending of customer invoices, with an administration interface.

PROJECTS & REALIZATIONS

VR training application for industry 4.0
Development of a virtual reality environment using Unity and Meta Quest (2, 3) to guide users through industrial training processes with interactive 3D models.

Smart Hospital Application AR & IoT Sensors
An Augmented Reality application for visualizing IoT sensor data to monitor patient data in real time.

Mixed Reality Robotics Training Application
Development of a mixed reality application to train people in the construction of industrial robots

3D Campus Navigation Web Application
Immersive solution allowing visitors to visualize the campus in 3D and find the navigation path.