



Chegdati Chouaib

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● Experience

Saiket System internship :

Developed a churn prediction model using logistic regression and random forest.

● COMPÉTENCES

Programming Languages

Python , Java , C++

● Academic :

Machine learning, Deep learning , Generative IA , Data science ,Lean Six Sigma , computer vision

● Frameworks & Libraries

TensorFlow, Pytorch , Keras, scikit-learn, OpenCV, Streamlit

Soft Skills :

Problem-solving, Analytical thinking, Adaptability, Teamwork, Continuous learning

● LANGUES

Languages:

Arabic (Native),
French (Fluent),
English (Fluent)

● Areas of Interest

Artificial Intelligence,
Machine Learning,
Football, Video
Games, Travel

● Profile

I'm currently studying Artificial Intelligence and Data Science at ENSAM Meknès. I have solid skills in areas like machine learning, computer vision, and deep learning, along with experience in object detection and robotic navigation. I'm looking for an internship in PFA from July 1 to September 1, 2025, to apply my knowledge and gain hands-on experience in the field.

● Education

Engineering Program in Industrial Engineering, Artificial Intelligence and Data Science — ENSAM (National School of Arts and Crafts)

Integrated Preparatory Program — ENSAM (National School of Arts and Crafts)

High School Diploma in Mathematical Sciences — Othman Ibn Affan High School

● PROJECTS

Parking Space recognition with a reservation system

Utilization of YOLOv8 and SVM for parking space detection and reservation, with a user interface built in Streamlit And the documentation is available on GitHub and Read the Docs .

Cooperative multi-agent Mapping and Surveillance

Robotic exploration (e-Puck) — Webots, computer vision, AI, multi-agent systems, and machine learning.

Object Localization with TensorFlow

Emoji classification and localization using CNN — Dual-output model with TensorFlow/Keras.

Personalized web service by PSO

Movie recommendation using PSO — System based on user preferences (MovieLens 100k dataset).

● CERTIFICATS

Supervised Machine Learning: Regression and Classification:

Linear regression and binary classification modeling — Implemented with Python, NumPy, and Scikit-learn.

Unsupervised Learning, Recommenders, Reinforcement Learning

Techniques: k-means, dimensionality reduction, anomaly detection, recommendation (collaborative & content-based), Deep Reinforcement Learning.

Advanced Learning Algorithms

Multi-class classification with TensorFlow, applying best practices for generalization. Models: Random Forest, Decision Trees, Boosted Trees.

Data Science job simulation

Solved a real-world business problem using a complete approach: business understanding, EDA, feature selection, insights, and recommendations.

Lean Six Sigma Yellow Belt – ECLEE

Certified in Process Improvement and Quality Optimization