



# LEGSSYER MOHAMMED ANAS

Computer Engineering Student seeking a Final-Year Internship  
(6 months) for S2 2025/2026

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## SKILLS

### Programming Languages:

Python, Java, PHP, SQL, JavaScript, C#

### Databases:

MySQL, MongoDB, PostgreSQL

### Big Data:

Machine Learning, Deep Learning, NLP, LLMs, Apache Spark, ETL, LangChain, LangGraph, CrewAI, AI Agents, RAG

### Tools & DevOps:

Docker, Azure, Linux, Power BI, Talend, Excel, GitHub

## CERTIFICATIONS

The Machine Learning Process AZ  
(365DataScience)

Intro to NLP for AI, Intro to LLMs  
(365DataScience)

Introduction to Data Warehousing  
(365DataScience)

## LANGUAGES

Frensh Proficient

English Proficient

Arabic Native language

## PASSIONS

Artificial Intelligence

Big Data Technology

Development of intelligent tools

## INTERESTS

Data Science

Innovation

Sports and discovery of new cultures

## PROFILE

5th-year Computer Engineering student at UIR, specialized in Data Science and Artificial Intelligence. Passionate about data science and the development of intelligent algorithms, I am seeking a final-year internship (PFE) to apply my skills in AI, Machine Learning, and large-scale data processing.

## EDUCATION

Big Data & Artificial Intelligence, Computer Science 09/2023 - ongoing  
International University of Rabat Rabat-Morocco

- Program focused on data science, Artificial Intelligence, and advanced computer science.
- Development of strong skills in data analysis, machine learning, programming, and technology project management.

Preparatory Classes for Grandes Écoles (MP) 09/2021 - 06/2023  
Pythagore Prepas Oujda Oujda-Morocco

- In-depth training in mathematics, physics, and computer science, fostering the development of logical thinking, methodological rigor, and strong analytical skills.
- Acquisition of a solid scientific foundation combined with a keen sense of methodology, precision, and complex problem-solving.

## PROJECTS

### Student Satisfaction Analysis

- Survey conducted among 550 students on the quality of campus services and infrastructure.
- Data processing: Exploratory analysis (visualizations, correlations, statistical tests) to identify trends and influential variables.
- Machine Learning: Development of classification models (Random Forest – 87% accuracy, SVM, XGBoost) to predict key dissatisfaction factors.
- Web application: Design of an interactive interface allowing exploration of results and visualization of satisfaction indicators.

### AI Chatbot for Drug Recommendation

- Context: Python development of a drug recommendation system (MongoDB, NLP with N-grams & Word2Vec) enabling the suggestion of treatments adapted to user criteria.
- Impact: Improved accessibility to medical information through an intelligent conversational interface.

### OCR Uploader – Cloud OCR Application (Azure)

- Development of a web-based OCR application for image upload and automatic text extraction using Azure Vision Read v3.2.
- FastAPI backend with Azure Blob Storage (SAS URL), asynchronous processing, JSON output, HTML/CSS/JavaScript frontend, and monitoring via Azure Application Insights.

## EXPERIENCE

Intern 07/2025 - 09/2025  
CHUMohammed VI Oujda Oujda-Morocco

- Development of a medical management application
- Integration of AI for clinical summary generation
- Patient management functionalities
- Management of consultations and appointments

Intern 07/2024 - 08/2024  
YoSoBox Oujda-Morocco

- Optimization of WordPress and Magento 2 website performance
- Plugin and extension audits, implementation of advanced caching
- Significant reduction in loading times (up to -40%)