Ismail JIRARI

Computer Engineering and Systems Management

CONTACT

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LANGUAGES

Arabe — Native
Français — Fluent
Anglais — Fluent

KEY QUALITIES

Teamwork, results communication, adaptability, rigor and methodology, analytical mindset, optimization mindset, versatility, public speaking

EXTRACURRICULAR ACTIVITIES

Board Member – Cybotics Club ESITH
Responsible for programming, project coordination, and organizing workshops for students.

INTERESTS

Sports
Travel
Technology

PROFESSIONAL PROFILE

Computer Engineering and Systems Management student, currently in 2nd year, seeking an internship focused on Artificial Intelligence and Data Engineering. Passionate about data analysis, data pipeline design, and development of intelligent solutions. Looking to join a dynamic team to contribute to concrete projects with high added value.

EDUCATION

Higher School of Textile and Clothing Industries (ESITH) | 2024-2027
Engineering Degree in Computer Science and Systems Management

Preparatory Classes for Engineering Schools
Technical High School of Mohammedia - Mathematics and Physics

BACCALAUREATE | 2022
Diploma in Physics and Chemistry, Physical Sciences BIOF (with highest honors)

PROFESSIONAL EXPERIENCE

PortNet – National Single Window for Foreign Trade Procedures | Internship | 2024-2025
Development of an AI solution based on the RAG (Retrieval-Augmented Generation) method using LangChain, aimed at automating the classification of goods according to the Harmonized System (HS), a strategic issue in international trade.

PROJECTS

Full Stack Restaurant Website
Responsive restaurant website (menu/reservations)•Flask+MySQL

Customer Review Sentiment Analysis
Real-time classification of customer feedback (positive/negative/neutral) • NLP with TensorFlow + Flask+Docker

Real-Time Electoral Voting System
Real-time vote processing using Kafka + Spark Streaming
Aggregation and enrichment of electoral data • PostgreSQL + Streamlit

SKILLS

Programming Languages : Python (Pandas, NumPy, Scikit-learn, TensorFlow), Java, C++, R, (OOP)

Backend : FastAPI, Flask, Django

Frontend : React.js, JavaScript

Data et AI : ML, DL, ETL, LangChain, RAG, Vector Databases (ChromaDB, Pinecone)

Databases : SQL/PLSQL (MySQL, PostgreSQL, SQLite, Oracle database), NoSQL (MongoDB, Redis)

Data Visualization : Power BI, Matplotlib, Seaborn, Streamlit

DevOps et Outils : Docker, Linux, Git/GitHub

Other tools : KNIME, CATIA V5, Excel , SAP