# AIT MEDJBER Syfax

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LinkedIn          Github          Portfolio

## Profile

Recent graduate in Intelligent Computer Systems, passionate about emerging technologies and their real-world impact. Curious, rigorous, and solution-oriented, I enjoy tackling technical and collaborative challenges related to artificial intelligence and machine learning. My goal is to leverage my skills as a Junior Data Scientist & Machine Learning Engineer in innovative projects where creativity, added value, and performance converge.

## Education

**Master's Degree - Intelligent Computer Systems**          **Mouloud Mammeri University of Tizi Ouzou , UMMTO**
[2023 - 2025]

Digitization and Optical Character Recognition (OCR) for the Enhancement of Rare Ancient Documents: Challenges, Methods, and Applications.

**Bachelor's Degree - Computer Systems**          **Mouloud Mammeri University of Tizi Ouzou , UMMTO**
[2018 - 2022]

Design and development of a web-based restaurant management application.

**Scientific Baccalaureate**          **Mustapha Ben Boulaïd High School, Ain El Hammam**
2018

## Skills

**Programming:** Python, Java, C, PHP, SQL, JavaScript
**AI & Machine Learning:** CNN, RNN, LSTM, Transformers, NLP, Computer Vision
**Development Tools:** Git/GitHub, VS Code, Anaconda, Docker
**Databases:** MySQL, SQLite

## Certifications

**FreeCodeCamp : Data Analysis with Python**          2024

**Columbia+ : Machine Learning I**          2025

## Projects

**Sentiment Analysis Project (2024)**

Developed an end-to-end natural language processing pipeline using SentiWordNet. Improved accuracy through negation handling and lexical disambiguation.

**Content Recommendation System Based on Similarities (2023)**

Designed a recommendation system leveraging clustering and user-profile similarity. Applied K-Means and dimensionality reduction techniques to generate large-scale personalized suggestions.

**Additional projects in computer vision, NLP, and deep learning are available on my GitHub.**