

Mohamad Jawad Al-Jawhari

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OBJECTIVE

Graduate of Data Science with experience in software engineering and AI model development. Skilled in Python, SQL, and Laravel, eager to apply data-driven solutions to real-world challenges.

SKILLS & ABILITIES

Programming: Python, PHP, SQL (PostgreSQL)

ML/AI: Deep Learning, NLP, Time Series, basic experiences with LLMs.

Frameworks/Tools: Laravel, Pandas, NumPy, Power BI (basic).

Soft Skills: [Time Management](#), Problem-solving, Collaboration, Adaptability.

EXPERIENCE

Software Developer & Data Scientist

UNews Press Company | February 2025 – Present

- Lead software developer responsible for the complete development of the lifecycle, including developing and implementing AI models to automate editorial.

EDUCATION

Bachelor of Science in Data Science

USAL University, Beirut | Graduation: 2025

PROJECTS

News Assistant for Press Agencies.

Technologies: Laravel, PostgreSQL, Ollama

- UChat combines the strengths of search engines and LLMs in a single pipeline.
- Offline RAG system based on Arabic articles, answer the user in the agency's language.
- Handle more than 263k of news with a pipeline that filters user questions for better responses.

[GitHub Repository](#)

Arrest Records Analysis and Visualization.

Technologies: Python, Machine Learning Algorithms, OpenCageGeocode

- Analyzed arrest records dataset using classification, regression, and clustering techniques.
- Visualizations and maps to uncover arrest patterns and demographic trends.
- Identified potential social implications within the criminal justice system.

[GitHub Repository](#)

Additional projects in development - GitHub repositories to be added

CERTIFICATIONS

- Elements of AI for Business - eFlow (2025) | [Certificate](#)