



Akrem GOMRI

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Data scientist

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EDUCATION

•Paris-East Créteil University

Master in Artificial Intelligence and Cyber-Physical Systems (IA2S)

Since Sept 2023

Paris, France

•Higher Institute of Applied Sciences and Technology

Computer Engineering, Software Engineering

Sept 2020 - Aug 2023

Sousse, Tunisia

•Higher Institute of Applied Sciences and Technology

Preparatory Studies in Math, Physics, Computer Science

Sept 2018 - May 2020

Sousse, Tunisia

EXPERIENCE

•Sopra HR

Data Scientist

Feb 2023 - Jun 2023

Tunis, Tunisia

- Developed algorithms to match job descriptions with candidate CVs to improve the efficiency and accuracy of application screening.
- Implemented natural language processing (NLP) techniques to extract relevant skills and experience from CVs.

•Sama Consulting

Data Scientist

Jul 2022 - Aug 2022

Tunis, Tunisia

- Created interactive dashboards to visualize and interpret test results, public health trends, and track laboratory performance.

•Mag Security

Software Engineer

Jul 2021 - Aug 2021

Tunis, Tunisia

- Created a Business-to-Consumer (B2B) website showcasing the products (authentication, CRUD operations, navigation).
- tools: React, Django, MongoDB

PERSONAL PROJECTS

•English-French Translator

An NLP model for translating text to become familiar with LLMs

May 2024

- Concepts & technologies used: encoder-decoder architecture, attention mechanism, transformers, TensorFlow.
- The translation is so accurate that the model can recognize the meaning of a sentence in context.

•Human Activity Recognition using Video Classification

This project aims to recognize activities performed by humans from video sequences.

Feb 2024

- Several approaches were used and compared: Simple CNN, CNN + LSTM, pose detection, 3D CNN, Slow Fusion technique.
- Tools: Pytorch for pose detection and TensorFlow for the rest.

TECHNICAL SKILLS AND INTERESTS

Languages: Python, Javascript, Java

Development Tools: Git, Docker

Frameworks Libraries: TensorFlow, Pytorch, React, Django

Cloud/Databases: Microsoft Azure, MongoDB, PostgreSQL

Behavioral Skills: Research-oriented, Competitive, Curious, Autonomous

Courses Taken: Probability Statistics, Machine Learning, Deep Learning

Fields of Interest: Natural Language Processing, LLMs, Computer Vision

CERTIFICATIONS

•Professional Certificate in AI Engineering, IBM - MUST University

Link: [linkedin.com/in/akrem-gomri/details/certifications/](https://www.linkedin.com/in/akrem-gomri/details/certifications/)

May 2023 - Nov 2023

•Certificate of Achievement in Artificial Intelligence, GoMyCode - Tunis

Jun 2020 - Aug 2020