

Mohamed Grich

AI Engineer & Data Scientist - Deep Learning, Generative AI & Agentic AI

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PROFESSIONAL EXPERIENCE

- Freelance AI Engineer - Automation & Web Scraping Expert, Fiverr (Top Rated Seller)** Mar 2022 – Present
Remote
- Specialized in **web scraping and large-scale data extraction**, building robust crawlers and automated collection pipelines using **Selenium, BeautifulSoup, Requests, and Scrapy** for international clients.
 - Designed and deployed **AI-powered automation systems**, leveraging Python, TensorFlow, and FastAPI to streamline business workflows and handle high-volume tasks reliably.
 - Developed **custom Python applications** for a wide range of use cases, including process automation, data engineering, analytics dashboards, and backend services.
 - Led **1-on-1 consultation sessions with major clients** to discuss upcoming collaborations, refine technical requirements, and provide expert insights on various topics in Tech and AI.
 - Delivered over **200 successful projects** on Fiverr with consistent **5 stars reviews** for performance, scalability, and clear communication. (<https://fiverr.com/jeroxgr>) 📄
- Data Scientist, INEX BET** Feb 2025 – Aug 2025
Montreuil, France
- Contribution to the BimiFy project, which aims to transform 2D architectural plans into 3D models using **AI and Computer Vision**.
 - Developed a Deep Learning classification model achieving **97%** accuracy for plan scale classification.
 - Optimized **YOLO/CNN** models for object detection in parking plans, resulting in a **14%** performance improvement.
- Data Scientist, Mylibrairie.ma** Jun 2023 – Aug 2023
Casablanca, Morocco
- Developed a **recommendation system** for an e-commerce platform dedicated to school supplies. **Training and hyperparameters optimization** of recommendation models..
 - **Analyzed purchasing** behavior of over **3,000** users to identify category preferences and seasonality patterns with visualized insights using **Power BI and Python**.
- AI and ERP Consultant, BC Skills Group** Mar 2022 – Jun 2022
Safi, Morocco
- Configuration and setup of the **SAP Business Suite ERP** in the Purchasing, Sales, and Inventory modules.
 - Analyzed and evaluated **the AI tools integrated** into the system.

EDUCATION

- Master's in Data Science, University of Paris Cité** 2025 – 2026
Paris, France
- Engineer's degree in Artificial Intelligence, Arts et Métiers - ENSAM** 2022 – 2025
Rabat, Morocco

PROJECTS

- Generative AI for Image Restoration**
Restoration and inpainting of damaged images using GAN networks, achieving **87%** reconstruction accuracy.
- Real-Time Detection of American Sign Language (ASL)**
Sign language character recognition with **92%** accuracy using **YOLO object detection** models.
- AI Assistant for Automated Customer Email Responses using GPT**
Automated customer responses using **GPT**, integrating **RAG** and **prompt engineering** for improved context understanding.

CERTIFICATES

- Machine Learning Specialization, DeepLearning.IA
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- IBM Data Engineering Professional Certificate, IBM

SKILLS

Data Science and AI: TensorFlow, PyTorch, Keras, Scikit-learn, XGBoost, Hugging Face, SpaCy, Pandas, NumPy, Matplotlib, Seaborn, Power BI, Transformers, LLMs, RAG, GANs, VAEs, GPT, Azure, AWS, GCP, Flask, FastAPI

Databases: MySQL, MongoDB, Cassandra, Oracle SQL, PostgreSQL, NoSQL

Programming: Python, R, Scala, Java, TypeScript, C, C++, SQL, Bash, PowerShell, Matlab, HTML, CSS, JavaScript, PHP

Collaboration: Git, GitHub, CI/CD, Agile (Scrum, Kanban, XP)

LANGUAGES

English
C2

French
C1

Spanish
B1

Arabic
C2