✉ m.asenhoury@hotmail.com

▤ Driving licence (B)

📍 France

📞 07 80 80 55 88

Languages

English

French

Arabic

Technical Skills

Programming
Python, SQL, C++, Flask, FastAPI, Streamlit

Data Science & Data Analysis
- Dataiku, Tableau, Power BI

Generative AI & LLMs
- GPT-4, LLaMA, Falcon, T5, BERT
- LangChain, Hugging Face Transformers, OpenAI API, LoRA
- Prompt Engineering, Retrieval-Augmented Generation (RAG)

Machine & Deep Learning
- NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn
- XGBoost, LightGBM, TensorFlow, PyTorch, OpenCV
- NLTK, SpaCy

Databases & Big Data
- PostgreSQL, MySQL, SQLite, MongoDB, Apache Spark

Deployment & Cloud Computing
- Docker, Kubernetes, Azure AI, MLflow

Development Tools
- VS Code, Git, GitHub, GitLab, Notion

Automation
- Gemma (PL7pro), Unity Pro XL, Factory I/O, Home I/O, Siemens

Numerical Analysis & Signal
- Matlab, Simulink, Octave

Computer-Aided Design (CAD)
- CATIA V5, SOLIDWORKS

Office Tools
- Excel, MS Project, VBA

Soft Skills

- Autonomous
- Rigorous
- Dynamic
- Analytical mindset
- Teamwork
- Curiosity

Interests

Sports

Traveling

Cinema

Mohamed SENHOURY

Data Scientist

Education

Programme Grande Ecole - MSc in Artificial Intelligence & Data Science for Business

From September 2021 to October 2024 — Aivancity School for Technology, Business & Society Cachan, France

Engineering Degree in Automation and Industrial Computing

From September 2019 to July 2021 — University of Technology of Troyes Troyes, France

DUT in Mechanical and Production Engineering

From September 2017 to June 2019 — IUT of Saint-Denis (University Paris 13) Saint-Denis, France

Professional Experience

Natural Language Processing Developer

From November 2023 to November 2024 ALSTOM Saint-Ouen

Optimization of data standardization and project efficiency improvement through Large Language Models (LLMs)

Data Scientist Intern

From May 2023 to September 2023 ALSTOM Saint-Ouen

LLM project on hierarchical classification of unstructured data

Data Engineering (AI Clinic)

From January 2023 to March 2023 ALSTOM Saint-Ouen

Developed a Flask API for invoice data extraction using Python and Pytesseract

Data Scientist Intern

From May 2022 to September 2022 ALSTOM Saint-Ouen

- Data analysis and Python scripting for standardization
- Implemented KPIs using Dataiku and MS Azure, improving data processing efficiency

Data Engineer (AI Clinic)

From January 2022 to April 2022 BubbleYou Paris

Introduction to NLP with Python for sentiment analysis

Python Developer (AI Clinic)

From September 2021 to April 2022 MerciYanis Toulouse

Developed an AI-powered ChatBot

Assistant Engineer Intern

From February 2021 to July 2021 — National Industrial and Mining Company (SNIM), Nouadhibou, Mauritania Dakhlet Nouadhibou Region, Mauritania

Created a dedicated database for the factory and researched a demolding solution

Metrology Service Intern

From April 2019 to June 2019 — TECHNICENTRE SNCF PARIS-AUSTERLITZ 20 Avenue de la Porte de Vitry, 75013 Paris

Additional Training

Azure AI Fundamentals

October 2022 Microsoft France

Azure Fundamentals

March 2022 Microsoft France

Wave Game Challenge (Cybersecurity)

From March 2022 to April 2022 Wavestone Paris

Participated in Wavestone's student challenge

Scholastic Assessment Test (SAT)

From December 2016 to May 2017 Yavuz Sélim - Collège Bosphore Dakar, Sénégal