Mohand Saïd CHEURFA

AI Engineer & Data Scientist

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🌐 chrfsa.github.io ⬡ chrfsa in LinkedIn

AI Engineer passionate about building scalable, intelligent systems. Strong expertise in ML/DL, LLMs, RAG, and multi-agent architectures, with solid hands-on experience in data science and software engineering. Curious, adaptable, and driven by innovation.

EXPERIENCE

AI Engineer Intern | *Albert Data (EdTech)*   Apr – Oct 2025
Paris, France

- Designed a multi-agent system for adaptive and personalized learning (RAG, short/long-term memory).
- Integrated conversational AI into WhatsApp and automated content creation and learning paths.
- Contributed to scalable architecture design and monitoring setup (Grafana, LangSmith).

Data Scientist Intern | *Cevital*   Nov 2022 – May 2023
Bejaia, Algeria

- Built a recommendation system boosting sales by **15%**.
- Developed chatbots and interactive dashboards for decision-making.

Database Administrator Intern | *Sonelgaz*   Jan – Mar 2021
Bejaia, Algeria

- Optimized Oracle queries and automated database backups.

TECHNICAL SKILLS

- **Languages:** Python, SQL, JS/TS, R, C
- **Frameworks:** PyTorch, TensorFlow, Scikit-learn, LangChain, LangGraph, CrewAI, FastAPI, Streamlit, Celery
- **AI:** ML, DL, NLP, LLMs, RAG, Multi-agent Systems
- **Databases:** PostgreSQL, MongoDB, Supabase, Oracle
- **Ops:** Git, Docker, Linux, MLflow, Grafana
- **Cloud:** AWS (EC2, S3, RDS)

EDUCATION

MSc Data Exploration & Business Intelligence | *Université Sorbonne Paris Nord*
France   2024–2025
MSc Artificial Intelligence | *University of Bejaia*
Algeria   2021–2023
BSc Computer Science | *University of Bejaia*
Algeria   2018–2021

PROJECTS

MCP Client (Ongoing) — *Python, MCP SDK, FastAPI, Streamlit* Universal MCP client connecting LLMs with external tools. Includes integration and user interface in progress.

Cursor Clone (Ongoing) — *React, Electron, Node.js, FastAPI* AI-powered IDE with contextual chat and multi-agent assistance.

Cancer Predict — *Scikit-learn, Streamlit* Machine learning app for tumor classification.

DignosAI — *Flask, Angular* Multi-agent diagnostic assistant for medical use cases.

Sentiment Analysis — *Transformers, Streamlit* Real-time NLP sentiment analyzer based on BERT.

CERTIFICATIONS & LANGUAGES

Certifications: DeepLearning.AI (ML/DL), AWS Data Engineering (in progress), IBM Data Engineering (in progress)
Languages: French (C2), English (Professional, TOEIC ongoing)