Atef Bouzid

Data Scientist | AI Engineer

✉ atef.bouzid@telecom-paris.fr 📞 +33745498054 📍 Paris, France ○ atefbouzid in atefbouzid 🔗 Portfolio

ABOUT ME

Data Scientist / AI Engineer graduating Sep 2026, with a proven track record delivering innovative AI solutions across hackathons and real-world projects. **Seeking a full-time data and AI role**, with strong expertise in ML, deep learning, generative AI, and Python.

EDUCATION

École Polytechnique - Institut Polytechnique de Paris,
MSc (Master 2) Data Science: Statistics and Applied Math
09/2025 – 10/2026 — Paris, France

Télécom Paris, *MSc in Engineering - Specialization in AI and Image Processing*
Double degree with École Polytechnique de Tunisie - **GPA: 4.0/4.0**
09/2024 – 06/2025 — Paris, France

École Polytechnique de Tunisie, *National Engineering degree in Multidisciplinary Engineering*
Rank: **1/50**
09/2022 – 06/2024 — Tunis, Tunisia

Preparatory Institute for Engineering Studies of Monastir
Ranked **7th** in the national entrance exam.
09/2020 – 06/2022 — Monastir, Tunisia

EXPERIENCE

VINCI, *Data Scientist* — 01/2026 – 03/2026, Paris, France
- Built an end-to-end AI pipeline for **automated** country risk reports (LLMs + RAG) — from **web scraping** and data processing to retrieval, generation, and analyst validation via a **Streamlit app** — **cutting manual research and writing effort significantly.**
- **Deployed** on **Azure** (Azure OpenAI, Blob Storage, Cosmos DB) with **secure REST APIs,** delivering a scalable, **production-ready solution.**

ReDX Technologies

AI Engineer — 02/2025 – 07/2025, Part time, Remote
- Designed and benchmarked **a fully open-source** recommendation system with **LLM-based feature extraction** using Qwen2.5.
- Implemented **multi-factor scoring algorithms** and geospatial **optimization** for task-worker matching.
- Collaborated with cross-functional teams to validate and benchmark product performance.

GenAI Intern — 06/2024 – 08/2024, Sfax, Tunisia
- Developed an **AI chatbot and recommender system** using **LLMs** and **RAG** architecture, capable of processing **diverse data formats** (Excel, CSV, PDF) to automate HPC cluster configuration, making it accessible to users of all technical levels.

Hutchinson, *Computer Vision Intern* — 07/2023 – 08/2023, Sousse, Tunisia
- Developed a data pipeline and **anomaly detection** model achieving **97% accuracy** for quality control, with statistical analysis, and deployed it on a user-friendly HMI interface serving as the production monitoring dashboard.

PERSONAL PROJECTS

AI Investment Research - InvestiAgent ↗, *Full-Stack Platform*
Created full-stack AI platform generating stock and financial analysis **reports (LaTeX/PDF)** using LLMs (DeepSeek) and **real-time data pipelines**, **reducing analysis time to 3 minutes** through statistical modeling and **time series analysis.**

Real-Time Financial RAG System ↗
Developed a production-ready RAG pipeline for real-time financial news analysis. Integrated **Kafka streaming** with **Qdrant vector database** and **Mistral LLM**-powered query engine to answer market questions using live data from multiple financial news APIs.

HACKATHONS

FinanceAI Telecom Paris Hackathon: hosted by **IBM** │ Fraud Detection using card transactions & MCC features │ 2nd place

Zindi (Profile : alt-F) – Competitive ML platform: ↗ **2× Gold, 5× Silver, 2× Bronze medals**

SKILLS

Programming
Python (PyTorch, TensorFlow, Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn, LangChain, LangGraph, OpenCV, Streamlit) SQL, PostgreSQL

Artificial Intelligence/Data Science
Machine Learning (Supervised & Unsupervised), Deep Learning, Generative AI (LLMs, RAG, Agentic Systems), NLP, Computer Vision, Time Series Analysis, Anomaly Detection, MLOps

Personal Qualities
Curious, Analytical, Self-Motivated, Fast Learner, Problem Solving, Teamwork, Adaptable, Open-Minded, Creative

Data Engineering, DevOps & Cloud
Git/GitHub, Docker, Flask, FastAPI (RESTful APIs), Azure, AWS, Dataiku, Apache Kafka, MCP, Jupyter Notebook, VS Code, Cursor

LANGUAGES

Arabic: Native │ **French:** C1 - TCF │ **English:** B2 - TOEIC, Linguaskill : 176/180