



📍 France
☎ +33 7 86 76 55 54
✉ nasser.chaouchi.pro@gmail.com
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TECHNICAL SKILLS

Programming Languages

Data Analysis & Data Science:
Python, SQL, R, PySpark, MATLAB, Scikit-learn, XGBoost, PyTorch, TensorFlow, Hugging Face

Software Development:
JavaScript, C++, C#, C, Java

Software & Tools

Development Environments:
Jupyter Notebook, RStudio, Visual Studio Code

Orchestration & Data Engineering:
Apache Airflow, Google Dataflow, Docker, CI/CD
Git

Databases & Data Warehouses:
Snowflake, SQL Server, PostgreSQL

Visualization & Reporting:
Power BI, Tableau

SOFT SKILLS

Curious, Rigorous, Team-oriented, Communication

INTERESTS

Literature (crime novels, fantasy)
Music (festivals)
Sports (running, fitness, hiking)

LANGUAGES

French: Native (C2)
English: Fluent (C1)
Spanish: Fluent (C1)
Japanese: Intermediate (A2–B1)

NASSER CHAOUCHI

Junior Data Scientist

Specialized in Data Science & Deep Learning

Passionate about **data** and **machine learning**, I am a **computer science graduate** specialized in **Artificial Intelligence and Data Science**. I design AI solutions that **combine performance and explainability**, and I am seeking an **opportunity** as a Data Scientist starting **September 2025**.

PROFESSIONAL EXPERIENCE

Data Scientist Assistant

Ubisoft, Saint-Mand , France | October 2024 – March 2025

- Analyzed the behavior of millions of players to guide marketing and product decisions on Avatar: Frontiers of Pandora.
- Designed supervised and unsupervised learning models to segment and predict player behaviors at large scale.
- Evaluated game performance through exploratory analyses, KPIs, and dashboards.
- Built and deployed data pipelines between production and analytics environments using Google DataFlow (Big Data & GCP).

Supervisor: [Nicolas Tatin](#), Associate Director, Audience Analytics & Data Science

Data Engineer Assistant – CRM & Automation

Numberly, Paris, France | Feb 2023 – Aug 2023

- Designed relational databases (star schemas), wrote SQL procedures, and automated ETL pipelines using Apache Airflow and Python.
- Created Power BI dashboards to monitor internal requests and support business activity.
- Coordinated schedules and managed client deliverables, ensuring quality and timely delivery.

PROJECTS

Movie Recommendation (Hybrid System)

Personal Project | June 2025

- Developed hybrid recommendation systems on 32M user ratings, with a Streamlit interface to compare models.

Tools: Scikit-learn, Pandas, NumPy, Seaborn, Matplotlib, Hugging Face Datasets, Streamlit

Sentiment Analysis (Naive Bayes vs BERT)

Personal Project | July 2025

- Built and compared sentiment classification models (Naive Bayes vs BERT) on 1.6M tweets, with a Streamlit prediction interface.

Tools: Scikit-learn, Hugging Face Transformers, PyTorch, Streamlit

Computer Vision – Dog Breed Classification (ResNet18)

Personal Project | August 2025

- Trained a fine-tuned ResNet18 for image classification of 15 dog breeds, including explainability with Grad-CAM and deployment with Streamlit.

Tools: PyTorch, Torchvision, Matplotlib, Streamlit

Chronic Kidney Disease Prediction (Binary Classification)

Personal Project | July 2025

- Developed binary classifiers to predict CKD presence and dialysis need, handling class imbalance, with a Streamlit risk estimation interface.

Tools: Scikit-learn, Pandas, NumPy, Seaborn, Matplotlib, XGBoost, Streamlit

EDUCATION

Master’s degree in computer engineering

Universit  de technologie de Compi gne | Compi gne, France | September 2019 – March 2025

Exchange Semester (Erasmus Program)

Universidad de Zaragoza (UnIZAR) | Zaragoza, Spain | February 2024 – June 2024