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## Programming Languages

**Data Science & Analytics:**  
Python, SQL, R, PySpark, MATLAB

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

## Tools & Technologies

**Development:**  
Jupyter Notebook, RStudio, VS Code

**Orchestration & Data Engineering:**  
Apache Airflow, Google DataFlow, Git

**Databases:**  
Snowflake, SQL Server, PostgreSQL

**BI & Visualization:**  
Power BI, Tableau

**Other:**  
Microsoft Office Suite

## INTERESTS

Literature,  
Music,  
Sports,  
Social Activities

## LANGUAGES

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

# NASSER CHAOUCHI

## Junior Data Scientist

Graduated engineer in **Computer Science**, specialized in **Data Science** and **Artificial Intelligence**, currently seeking a **Data Scientist position** starting from **September 2025**. I have hands-on experience with **machine learning models**, **data pipelines** (Airflow, GCP), and **Streamlit app development**.

## PROFESSIONAL EXPERIENCE

### Data Scientist Assistant

Ubisoft, Saint-Mand , France | Oct 2024 – Mar 2025

- **Analyzed** player behavior across multiple Ubisoft games, focusing on Avatar: Frontiers of Pandora.
- **Designed supervised and unsupervised ML models** to segment and predict the behavior of millions of players.
- **Assessed game performance** using KPIs, exploratory analysis, and dashboards.
- **Built and deployed data pipelines** across production and analytical environments using **Google DataFlow** (GCP).

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

### Data Engineer Assistant – CRM & Automation

Numberly, Paris, France | Feb 2023 – Aug 2023

- **Designed relational database schemas** (star schema), wrote **SQL procedures**, and **automated ETL workflows** using **Apache Airflow** and **Python**.
- **Built Power BI dashboards** to monitor internal requests and business activity.
- Managed internal schedules and client-related tasks while ensuring quality of deliverables.

## PROJECTS

### Movie Recommendation System

*Personal Project* | June 2025

- Developed hybrid recommendation systems: **User-User & Item-Item Collaborative Filtering + Content-Based Filtering**, on 32M user ratings.
  - Built an **interactive Streamlit interface** to visualize and compare models.
- Tech: Scikit-learn, Pandas, NumPy, Seaborn, Matplotlib, HuggingFace Datasets, Streamlit.

### Multiclass Classification – Diabetes Prediction

*Personal Project* | July 2025

- Built a **3-class classification model** to predict: **Non-diabetic**, **Pre-diabetic**, and **Diabetic**, from medical data.
  - Created a **Streamlit app** for **real-time prediction** based on **user input**.
- Tech: Scikit-learn, Pandas, NumPy, Seaborn, Matplotlib, Streamlit.

### Binary Classification – Chronic Kidney Disease (CKD)

*Personal Project* | July 2025

- Developed two binary classifiers: **CKD detection** and **dialysis need prediction**, addressing **class imbalance**.
  - Delivered a **Streamlit application** to assess patient risk based on clinical values.
- Tech: Scikit-learn, XGBoost, Pandas, NumPy, Seaborn, Matplotlib, Streamlit.

## EDUCATION

### Master’s Degree in Computer Engineering (AI & Data Science track)

[Université de technologie de Compi gne](#) | Compi gne, France | Sept 2019 – Mar 2025

### Erasmus Exchange – Computer Science

[Universidad de Zaragoza \(UniZAR\)](#) | Zaragoza, Spain | Feb 2024 – Jun 2024