

Raphael Diez Pecoste

Data & AI Engineer

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SUMMARY

Data & AI Engineer passionate about innovation, automation, and intelligent systems. Recent engineering graduate specialized in Artificial Intelligence and Data Engineering, experienced in building data pipelines, cloud platforms, and machine learning systems. Strong teamwork and communication skills, accustomed to agile (SCRUM) workflows, and eager to contribute to impactful data-driven projects.

WORK EXPERIENCE

Data & AI Engineer – Eviden / Atos

Pessac, France | Apr – Sep 2025

- Designed and implemented an automated **DBT project generation pipeline** using **Snowflake**, **LangGraph**, and **LLMs**.
- Integrated the pipeline with a **Streamlit web interface** and CLI, improving usability and modularity.
- Worked within an **agile SCRUM** team, participating in sprint reviews and iterative development.

AI Developer – Maison de l'Intelligence Artificielle

Oujda, Morocco | Apr – Aug 2024

- Developed a **computer vision model** for road sign recognition and deployed it on a **smart rover (Raspberry PiCar-V)**.
- Adapted model inference for **GPU acceleration**, improving performance and efficiency.

Innovation Project Manager – MIathon Hackathon

Oujda, Morocco | Jun 2024

- Led a **deep learning project** from concept to presentation, including **business model design**.
- Presented project results to a professional jury and collaborated with cross-disciplinary experts.

Data Scientist – Pau Béarn Pyrénées Agglomeration

Pau, France | Jul – Aug 2023

- Developed **LoRaBéarn**, an **IoT telemetry system** using **LoRaWAN** for data collection and processing.
- Automated dashboard generation for **real-time data visualization** and analytics.

EDUCATION

Engineering School – CY Tech (ex EISTI)

Pau, France | 2022 – 2025

Master's in Data & Artificial Intelligence Engineering.

CPGE – Lycée Gustave Eiffel

Bordeaux, France | 2019 – 2022

Selective French preparatory program for competitive engineering school entrance exams.

SKILLS

Programming: Python, SQL, Java, C, HTML/CSS/JavaScript

Data Science / Machine Learning: scikit-learn, pandas, NumPy, matplotlib, PyTorch, Hugging Face

Data Engineering / Cloud: Snowflake, DBT, Streamlit, LangChain

DevOps / Tools: Git, Docker, Linux

Methodologies: Agile (SCRUM), Kanban

LANGUAGES

English – B2 | Spanish – B1 | French – Native