



JONATHAN ANDRIEU

Available from October 2025, I am looking for opportunities in Data Science to apply AI to real-world challenges within an dynamic environment.

CONTACT

- Toulouse, France
- jonathan.andrieu1@gmail.com
- +33 6 09 87 05 34
- Driving licence

SKILLS

LANGUAGES

English: Professional TOEIC 925pts
French : Mother tongue

TOOLS

Python : Pandas, Numpy, TensorFlow, PyTorch, Scikit-Learn, XGBoost, LLM.
Cloud : AWS Associate Developer & Azure Associate Developer.
Microservices : Docker, CI/CD.
Big Data : PySpark, Hadoop, SQL.
Databases : PostgreSQL, MongoDB.
Versionning : Git, GitHub, GitLab.

HOBBIES

SPORTS

Hiking, Swimming

TRIPS

Finland, Lapland, Sweden, England, Ireland, Germany

Data Scientist

Data Science | Machine Learning | Deep Learning

EDUCATION

2024 - 2025 : MSc Artificial Intelligence & Business Transformation

ISAE-SUPAERO, France.

Machine and Deep Learning, Optimisation, Project Management, Business.



2018 - 2021 : Master's Degree in Computer Science & Networks

INSA Toulouse, France.

Spécialisation: Systèmes Distribués et Big Data.



2019 : Exchange semester

University of Jyväskylä, Finland.

Deep Learning, Cybersecurity, Semantic Web, SOA & Cloud Computing.



EXPERIENCES

July 2024 - Sept. 2025

Airbus Defence and Space

DATA SCIENTIST - APPRENTICE

- Development of Surrogate Models to simulate the dynamic thermal behavior of satellites. (TensorFlow, Numpy, Pandas, Jupyter Lab)
- Scientific literature review and state of the art on surrogate models for space.
- Creation of robust Machine Learning pipelines and monitoring of model performance. (Développement logiciel Python, MLOps, Optimisation)

Sept. 2021 - July 2024

CS Group

FOCAL POINT DATA PIPELINE

Joined the CS Group Expert Track as a Specialist.

Project Zero Aircraft On Ground. Airbus Skywise, Foundry Palantir.

- Technical leader for data processing pipelines. (PySpark)
- Management and prioritization of tasks in function of customer needs.
- Resolution of critical incidents and crisis communication.

DATA ENGINEER

Project Zero Aircraft On Ground. Airbus Skywise, Foundry Palantir.

- Development of PySpark algorithms for predictive maintenance of the Airbus aircraft fleet. Responsible for the production environment.
- Innovation Manager and responsible for tracking innovations within the project.

CLOUD ENGINEER

Internal Project Doc2Value-LLM.

- Design of a cloud architecture for LLM deployment on AWS.
- Architect and technical lead (4-person team).
- Trainer on AWS cloud tools (trained 20+ engineers).

Feb. 2021 - Aug. 2021

Airbus Defence and Space

DATA SCIENTIST - INTERN

End-of-studies internship.

- Data computing and processing on a big data platform.
- Automatic anomaly detection in satellite flights and orbits.