



DATA SCIENTIST

6 MONTHS END-OF-STUDIES INTERNSHIP FROM 02/2025

MALO LEROY

Address: 8 Emile Zola St., Saclay 91400
Phone: +33 7 81 54 64 08
Email: malo.leroy09@gmail.com
LinkedIn linkedin.com/in/malo-leroy/

SUMMARY

Eager to bring my data science and AI expertise to real-world challenges, I'm driven by a passion for learning and **continuous growth**. Whether it's building mobile apps from scratch or deriving actionable insights from customer reviews, I thrive in dynamic environments, always ready to tackle complex problems and deliver **impactful results**.

WORK EXPERIENCE

Data Scientist Internship, Data & Data **Apr 2024 - Aug 2024**

- Dynamic startup environment focusing on data collection, analysis, and automation for luxury market insights.
- Developed a data preprocessing algorithm to enhance early error detection in the production pipeline, reducing production time by 30%.
- Successfully managed a complex data monitoring solution, solving critical bugs and maintaining client trust with efficient solutions.

Data Engineer Internship, Bouygues Telecom **Jun 2022 - Aug 2022**

- Integrated into the Transformation Entreprise Développement et Data (TEDD) team, providing critical information systems for business units.
- Led the migration of the data ingestion system from MagicLoad DataFusion to a custom-built ETL solution, fully integrated with the CI/CD pipeline.
- Developed YAML/SQL scripts and managed data tables, ensuring smooth integration and handling of STF data flows.

EDUCATION

ESILV Paris - École Supérieure d'Ingénieur Léonard de Vinci **Sep 2020 - Jun 2025**

- Master's in Data and Artificial Intelligence
- Optionnal Quantum Track - Quantum Computing and great quantum principles
- Soft Skills : public speaking, project efficiency, hackathons, mutual understanding, innovation & design thinking, teamwork, and engineering ethics.

Griffith College Dublin - International Experience **Sep 2022- Jan 2023**

- Computer Sciences courses: Relational Databases (SQL), Object Oriented Programming (JAVA), Network and Data Communication
- Developed a JDBC application combining SQL and JAVA to facilitate database management.

SKILLS

Programming languages : Python, SQL, C#
DevOps tools : AWS, Git
Data Collection

- Web scraping : Selenium, BeautifulSoup

Data Analysis

- Data processing : Pandas, Numpy
- Data visualization : Matplotlib, Seaborn

AI Algorithms

- Machine Learning : Scikit-Learn
- Deep Learning : Keras, TensorFlow

English : B2 - TOEFL ITP 557pts delivered by ETS

CERTIFICATIONS, HOBBIES

Certifications

- **IBM AI Engineering** delivered by Coursera
- **Design Thinker** delivered by DThinking Academy
- **Certificat Voltaire** : 95/100 - French grammar and spelling
- Holder of a Category B **driver's license**

Hobbies

- **Piano** at a conservatory : 10 years
- Skydiving, surfing
- International travels : Americas, Asia, Europe