

Jade Vaillant

Data Scientist — Machine Learning & AI

INSA Rennes engineer specialized in Data and Artificial Intelligence. I design and train Machine Learning and Deep Learning models in Python (PyTorch, scikit-learn) and use LLMs daily with a clear understanding of how they work and where they fall short. My combined data and software background lets me take a project all the way to production. Looking for a permanent Data Scientist position, available as soon as possible.

Contact

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English
Professional
TOEIC 940/990

Driving licence
Category B

 github.com/Skymme

 linkedin.com/in/vaillant-jade

 skymme.com

 meeply.tv

Skills

AI & Machine Learning: Machine Learning, Deep Learning, predictive modeling, NLP (TF-IDF, NER), LLMs, data analysis

Programming languages: Python, R, SQL, TypeScript, JavaScript, Java, C#

Data libraries: PyTorch, scikit-learn, spaCy, Jupyter

Data & deployment: Apache NiFi (ETL), PostgreSQL, Docker, Kubernetes, Git, CI/CD

Web & mobile development: Angular, Spring Boot, React, NestJS, Prisma, Flutter

Methods & soft skills: Agile Scrum, project management, teamwork, attention to detail, creativity

Projects

MeePLY — web and mobile application, live in production · meeply.tv

- Designed, built and launched with React 19, NestJS, PostgreSQL, Prisma and Capacitor.
- Game library, scores, real-time sessions and game recommendations based on players, length and play history.

Data & AI projects at INSA Rennes · skymme.com · github.com/Skymme

- Time series forecasting (PyTorch, scikit-learn) and an NLP search engine (TF-IDF, cosine similarity).

Professional Experience

03/2026 — 09/2026	Full Stack Development Intern · Sopra Steria • Evolved a large-scale application with Angular 20 and Spring Boot within a Scrum team. • New database tables with Liquibase, data access layers and automated tests.
06/2025 — 07/2025	Data Analysis Intern · Sopra Steria • Designed and optimized data pipelines (ETL flows) with Apache NiFi.
06/2024 — 09/2024	Full Stack Development Intern · 6TM • Applications in C#, JavaScript and SQL; query optimization and code reviews.
07/2023 — 09/2023	Frontend Development Intern · Infotel • Built responsive, cross-platform user interfaces with Flutter.
02/2022 — 05/2022	Assistant Project Manager Intern · Robot For Site, a Vinci subsidiary • Analyzed operational data to schedule the tasks of construction robots.

Education

2022 — 2026	Master of Engineering in Computer Science, Data & AI track · INSA Rennes • Machine Learning, Deep Learning (PyTorch, scikit-learn) and natural language processing projects. • Entrepreneurship courses and participation in the "48h de l'innovation" hackathon.
6 months	Exchange semester in the USA · Rochester Institute of Technology (RIT) • Six months of full immersion, with all courses taught in English.
2020 — 2022	Integrated preparatory program · ICAM

Languages

English	Professional — TOEIC 940/990, 6 months in the USA
French	Native
Japanese	Basic (A1)

Creativity & personal websites

skymme.com	Portfolio designed and built from scratch
Le Mamichat	22-page interactive journal
FourchLang	Domain-specific language (DSL), Langium