plavielle66@gmail.com
Paris
pierrelavielle.github.io
French
Permis B
Personal vehicle
+33 7 87 37 63 61

Social networks

pierrelavielle
pierre-lavielle

Languages

French mother tongue: C2
English Fluent : C1

Interests

Travel : Italy, Prague, Spain and Kingdom of Bahrain

Hobbies : Chess, Reading and Bodybuilding

Soft skills

Critical thinking
Scientific communication
AI project management
Teamwork

Pierre LAVIELLE

AI engineering student

Computer engineering student specializing in the field of artificial intelligence, machine learning & big data. Interested in creating effective and secure AI models to solve real-world problems.

Formations

Computer engineering diploma - 5 years
09/2021 - 05/2026 EPITA France
2 years of integrated preparation then 3 years of engineering cycle

Semester abroad - 5 months
01/2023 - 05/2023 Ahlia University Royaume de Bahreïn

Baccalaureate: Physics-Chemistry and Math specialties
09/2018 - 07/2021 Lycée Saint Joseph – La Salle Toulouse, France
French Baccalaureate with honors

Work experience

Business Developer
09/2025 JECT Lyon, France
- Identify business needs and draft commercial proposals.
- Ensure end-to-end follow-up of IT projects between clients and stakeholders.

Cybersecurity Analyst - 5 months
09/2024 - 02/2025 Cybelangel Paris, France
2nd year engineering cycle internship,
- Creation of automatic reports for corporate clients in Looker and BigQuery with analysis of attacks in order to improve customer relations
- Development of advanced Excel tools with automation of sending take-down emails, to accelerate the removal of malicious content targeting customers.

Sales - 2 month
07/2023 - 08/2023 Tridome Narbonne, France
Salesperson in a DIY store with personalized support for customers on the shelf to meet their needs.
- Development of skills in active listening, sales advice, and pressure management in a dynamic environment.
- Inventory management: monitoring of shortages, restocking and verification of arrivals.
- Proactive resolution of customer issues, helping to build customer loyalty.

Projects

OCR Sudoku : Optical character recognition and automatic sudoku solving

Big data analytics : Classification and prediction of car accidents based on different attributes

MLOps – Classification of handwritten images : Design and deployment of a complete MLOps pipeline with automation of key stages allowing the monitoring and traceability of experiments and a monitoring strategy

MLSecu - Anomaly Detection : detection of abnormal behaviors in an industrial system using model comparison and a hybrid approach combining supervised and unsupervised methods.

Music generator : Creating an AI capable of producing or continuing a melody.

Match recognition and analysis : AI with football player recognition capable of generating real-time match statistics.

Technical skills

xAI : SHAP, LIME, by-design

Graphes & GNN : Neo4j, PyG, GCN, GraphSAGE, GIN

Generative IA : LLMs, diffusion models, RAG

Deep Learning : CNN, RNN, Transformers

Python : Scikit-learn, PyTorch, TensorFlow

ML supervised/unsupervised

Conformal prediction