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

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 Trïdome 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 behavior in an industrial system with model comparison and a hybrid approach combining supervised and unsupervised method

Music generator : Creation of an AI to produce/continue a melody

Match recognition and analysis : AI with football player recognition to generate statistics in the middle of a match

Compétences techniques

xAI : SHAP, LIME, by-design

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

Generative AI: LLMs, diffusion models, RAG

Deep Learning : CNN, RNN, Transformers

Python : Scikit-learn, PyTorch, TensorFlow

Supervised/Unsupervised ML

Conformal prediction