POLLUX GRONIER

polluxgronier.me | github.com/Polluxgnr | linkedin.com/in/polluxgronier

CentraleSupélec & ESSEC Bachelor student in Artificial Intelligence, Data Science and Management (AIDAMS).
Passionate about the intersection of Coding, AI, and business strategy, with strong analytical and technical foundations.
I am actively seeking a 6 month Data Science / AI internship for the first semester of 2028 as well as for next summer to apply data driven methods in a dynamic and innovative environment.

EDUCATION

CENTRALESUPÉLEC & ESSEC BUSINESS SCHOOL – BACHELOR IN AI, DATA & MANAGEMENT SCIENCES (Paris, FRANCE) 2024 – 2028

- Dual-degree Bachelor fully taught in English (AIDAMS Program), ranked 1st nationwide by le Nouvel Obs bachelor in management ranking.
- Core courses: Advanced Calculus, Linear Algebra, Probability, Optimization, Algorithms, Data Structures, Programming for Data Science, Statistics, Marketing, Geopolitics, Computer vision, NLP, Machine Learning, Soft Skills...

LYCÉE SAINT JOSEPH (Reims, FRANCE) 2023 – 2024

- French Baccalauréat – Majors : Mathematics, Physics & Expert Mathematics, Graduated with Highest Honors

DELVIEW SECONDARY SCHOOL (Vancouver, CANADA) 2022 – 2023

- Academic exchange, full immersion in English-speaking environment, Grade 12

LYCÉE LOUIS PAYEN (Ile de la Réunion, FRANCE) 2020 – 2022

- Specialties : Mathematics, Physics, Engineering Science, European English section

PROFESSIONAL & PROJECT EXPERIENCE

-DIGIMOBEE- DATA ANALYST INTERN (Paris, FRANCE) May 2026 - August 2026

- Built automated Python data pipelines and integrated tools (ClickHouse, dbt, Airbyte) within a high security mobile ticketing infrastructure.
- Deployed production SQL/Metabase dashboards and alerting scripts adopted by engineering and finance teams to monitor critical real-time operations.

-ENEDIS – DATA ANALYST INTERN (Paris, FRANCE) March 2025

- Built an NLP pipeline analyzing over 60 000 technical requests to predict maintenance needs and optimize actions taken
- Used TF-IDF, logistic regression, and ensemble models to automate intervention detection

-CLUB TECH – CENTRALESUPELEC September 2024 – June 2025

- Contributed to mechanical design and automation for competition robots, worked on 3D designing/printing, welding, laser cutting, electrical wiring, embedded systems programming, and team building.
- Reached final phase of the Coupe de France de Robotique 2025, historic result.

-KRYPTOSPHERE – ESSEC September 2025 – December 2026

- Organized multiple hackathons, secured partnerships, logistics, and managing all administrative requirements
- International Tech network advocating Crypto, Finance, AI and Cybersecurity.

-ESSEC CLUB OF ECONOMICS - ESSEC (AI & Financial Innovation Team)

Engineered autonomous AI agents and automated workflows for financial analysis notably engineering an autonomous, zero-hallucination, auditable equity research pipeline.

I also helped in developping a centralized educational platform aggregating past pitches, models, and courses for knowledge sharing and member onboarding.

-PRIVATE MATH TUTOR (High School Level) 2022 – 2025

LANGUAGES

French : Native | English : Fluent (IELTS C1) | Chinese : Intermediate (LV2) | Spanish & German : Basic A2/B1

TECHNICAL SKILLS

Python, SQL, C/C++, Bash/Linux, Git, PyTorch, Scikit-learn, Pandas, NumPy, Machine Learning, Deep Learning, NLP, RAG, LangChain, Transformers, Computer Vision, MLOps, Docker, FastAPI, dbt, ClickHouse, Airbyte, ETL, Data Pipelines, Metabase, Power BI, Excel, PowerPoint, Statistical Modeling

HOBBIES

Gymnastics (7 years, Réunion Island Vice Champion 2018) • Climbing (6 years) • Volleyball • Snowboard • Chess • Cooking