

Louis Rollet

louis.rollet@epitech.eu

linkedin.com/in/louis-rollet | github.com/louis-rollet | paralaxe.fr

PROFILE

Passionate computer science student at Epitech, specializing in artificial intelligence and video game development. Strong experience in Data Science and application development. Curious and versatile, I am looking to apply my skills in AI and development to innovative projects. I'm looking for a part-time internship (3 days per week) from September 2026 to February 2026 and also an end of studies internship from March 2027 to August 2027.

EDUCATION

Exchange Year, Department of Computer Science, Tsinghua University, Beijing, China; 2025 – 2026

(Top 13 globally in computer science - Times Higher Education)

- Grade: 3.0 GPA
- Modules: ML, Big Data, NLP, Computer Graphics, Time Series Analysis.
- Theory: Parallelization, database optimization, Deep Learning, OpenGL.

Expert in Information Technology (Programming, cybersecurity and AI) RNCP 7, Epitech, Montpellier France; 2022 – 2027

- Grade: 3.44 GPA
- Modules: C/C++, AI/ML, Cybersecurity, DevOps. +20 group projects.
- Final project: Pixel art engine and collaborative platform (Pico-8 type).

Baccalaureate in Mathematics and Computer Science, Lycée Jean-Henri Fabre, France; 2020 – 2022

PROFESSIONAL EXPERIENCE

Geomatys, AI Intern - Data Science Department; March 2025 – August 2025

- Development of a geospatial LLM chatbot (Epiwise) with Langchain/Langgraph.
- Implementation of LLM tools for WFS/WMS APIs and MCP/A2A protocols.
- Winner of the 1st prize at the ESA Phi-Lab Grand Marathon (€150k).

Coxidev, Full-Stack Intern - Microsoft Expert; Sep 2024 - Mar 2025

- Full-Stack CRM and Power BI development: custom apps and client extensions.
- Technical problem solving and performance optimization.

Klesia, Data Science Intern - Data Science Department; Jul 2023 - Dec 2023

- Data analysis (SAS, Python) and DSN anomaly detection (PyTorch/Azure ML).

PROJECTS

SCHOOL PROJECT:

- **Naucto:** Collaborative web app (WebRTC) for 2D pixel art game creation.

PERSONAL PROJECTS: Hytale Modding

- **BetterMap:** Persistent map mod for Hytale (+800K downloads on CurseForge).

SKILLS AND INTERESTS

Coding Skills: C, C++, Python, Java, Shell, Haskell, JavaScript, React, SQL, Docker, CI/CD (Github/Gitlab Action)

Languages: French (Native), English (C1), Japanese (A2 - conversational), Chinese (A1)

Volunteering: Participation in the Viva Technology 2024 trade show as a volunteer

Interests: 10 years of competitive swimming and travel (lived in South Africa, Mauritius, China)