



JEAN PERBET

MSC. STUDENT IN DATA SCIENCE

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EDUCATION

- École Polytechnique Fédérale de Lausanne (EPFL)** Lausanne, Switzerland
Msc. in Data Science 2024 - 2026 (*expected*)
- Partial GPA: 5.51/6, top 5% ranking in my section ([official transcripts](#))
 - Topics in NLP, Computer Vision, Applied Machine Learning, Data Analysis & Visualization
- KTH Royal Institute of Technology** Stockholm, Sweden
Academic Exchange Year in Computer Science 2023 - 2024
- Strong academic performance with mostly A's on a scale [A-F] ([official transcripts](#))
 - Topics in Computer Security, Software Engineering, Interaction Programming
- École Polytechnique Fédérale de Lausanne (EPFL)** Lausanne, Switzerland
BSc. in Computer Science 2021 - 2024
- GPA: 5.48/6, top 5% ranking in my section ([official transcripts](#))
 - Topics in Algorithms & Data Structures, Linear Algebra, Calculus, Object-Oriented Programming, Machine Learning

EXPERIENCE

- DataOps Intern** | CERN | Geneva 2025.06 - 2025.08
- Benchmarking large-scale data infrastructure performance during the migration to Kubernetes as the underlying cluster management system
- Research Assistant** | EPFL LPBS | Lausanne 2025.03 - 2025.04
- Investigate ML models to relate brain activity measurements with worm behavior
- Data Science Intern** | Finplify SA | Geneva 2024.06 - 2024.08
- Development of multi-agentic systems for LLM-based financial decision-making
 - Fine-tuning of pre-trained models for sentence classification / named entity recognition
- Student Assistant** | Ethical Hacking | KTH EECS | Stockholm 2024.02 - 2024.06
- Development of tool to simulate virtual instances with security flaws

PROJECTS

- Fine-tuning of a low-parameter LLM** | Natural Language Processing Spring 2025
- Fine-tuned Qwen3-0.6B using SFT & DPO to be an academic assistant, implemented a lightweight RAG pipeline, optimized inference via quantization ([project report](#))
- Interactive Olympics data visualization** | Web Development Spring 2025
- Implemented a responsive [web app](#) to display comprehensive data about Paris 2024 Olympics ([repository](#))
- Solar panels images segmentation** | Computer Vision Fall 2024
- Partnered with [SDSC](#) to work on automatic detection of photovoltaic installations using CNN networks ([repository](#), [project report](#))
 - Reached 0.81 F1-score, surpassing lab's previous attempts

SKILLS

Programming: Python, Java, Golang, TypeScript
Tools: PyTorch, Scikit-Learn, Pandas, LangChain, Docker, Vue, shell scripting
Languages: English (fluent), French (native).