



Alexis Evaristo

Engineering Program In Computer Science & Statistics, 2nd year | Polytech Lille

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• Education

Polytechnique University School of Lille — Data, Computer Engineering & AI 2024/2027

Preparatory Classes for the Grandes Écoles | Charlemagne, Paris | Sorbonne University 2021/2024

Awardee of "From the Basque Country to the Grandes Écoles" Scholarship Program 2020/2021

• Work Experience

Research internship – CRISTAL Laboratory, Lille (Summer 2025)

- Participation in a project involving formal computation and high performance calculus
- Implementation and testing of symbolic resolution algorithms
- Acquisition of research and programming skills

• Skills

Languages & tools :



AI & Data : Machine Learning — Big Data — Markov Models — Operation Research — Inferential Statistics

Maths & Algo : Graph Theory — Linear Programming — Stochastic Processes

Languages : French ●●●● — English ●●●● — German ●●●○○ — Japanese ●●○○○

• Projects

Stochastic Simulation | Ising Model & Markov Random Fields 2025/2026

Optimization project | Implementation of Dinic's algorithm for modeling flows 2024/2025

Dynamic dashboard | HTML — CSS — JS — Plotly | Interactive visualization of salaries in France 2024/2025

AI for chess | development of a game engine based on alpha-beta pruning 2022/2023

Optimization of electrical networks | Python — graph — Prim — Dijkstra — k-means 2021/2022