Rémy SIAHAAN--GENSOLLEN

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More work / portfolio on

https://remy-siahaan.com

Professional Experience

Interministerial Digital Directorate / Direction Interministérielle du Numérique (DINUM) 06/2025 — 09/2025
Data Scientist Intern
— Worked on *Albert API*, an open source gateway and toolkit for LLM inference by the French government.
— Worked on strategies for improving service orchestration and inference speed.
— Designed a predictive model to estimate GPU requirements for large-scale inference stacks.
— Fine-tuned models with reinforcement learning and GRPO.

CREST, École Polytechnique (X) 01/2025 — 08/2025
Research Assistant Fixed-term, part-time
— Studied socio-economic profiles of top French engineering students using econometrics and applied machine learning.
— Designed and deployed a web data-visualisation application.

ACPR, Banque de France 06/2024 — 09/2024
Data Scientist Intern
— Created an automated document-information-extraction tool.
— Explored LLM-based solutions for automatic analysis of legal texts.

Fondation de France Summers 2022 & 2023
Project Officer Fixed-term
— Managed CRM-based funding projects for multiple foundations and 100+ NGOs.
— Developed data-processing scripts to automate tasks and boost productivity.

Badblock Network 04/2015 — 12/2016
Full-stack Developer Freelance
— Worked on a Minecraft™ server network with several thousand concurrent players daily.
— Handled load balancing, message-oriented middleware for backend communication, NoSQL player-data store.

Skills & Hobbies

— Java, C, TypeScript, Python, SQL, Git
— Full-stack webdev, infrastructure / DevOps, beginner GPU kernel writting
— Native French, C1 English, B1 German, beginner Chinese
— Piano (1st prize at Concours Musical de France), composition, sound design, photography

Education

ENSAE, Institut Polytechnique de Paris 09/2023 — Present
Engineering program in statistics and economics
— Probability theory, statistics, Stochastic Processes, Machine Learning, Econometrics, Micro- and Macroeconomics.

Janson-de-Sailly Preparatory Classes 09/2021 — 07/2023
MP2I/MPI*

Projects & Awards

— *Research project* Reducing uncertainty in medical segmentation using ensemble methods.
— *CodinGame Certifications* Python, Java, "Coding Speed".
— *Consulting & Freelance Projects* Full stack web development, AI projects for multiple clients.
▷ AMD vLLM GPU Kernel Optimization 2025 Hackathon 3rd Prize
▷ Crédit Agricole 2025 Data Challenge 3rd Prize
▷ Qubic Madrid 2025 Hackathon 3rd Prize
▷ H-Gen AI 2025 Hackathon (SiaPartners) SCOR Use-Case Prize
▷ Innov'her 2024 Hackathon Jury Prize, Audience Prize
▷ Hi!Paris 2024 Hackathon Scientific Approach Prize
▷ E4C 2024 Hackathon 2nd prize
▷ ACPR Hackathon 2024 1st Prize
▷ Ekimetrics 2024 Hackathon 1st Prize
▷ EY Data Challenge 2024 6th worldwide, 2nd France

Student Associations & Initiatives

Unaite (union of the AI institutions from France's top universities) Head of Events
— Organizing events (conferences, hackathons, research competitions...).
— Previous events organized with Anthropic, Perplexity, ARC Prize, Y-Combinator.

Tuxae (ENSAE computing/ML/robotics association) Vice-president
— Organized data-science workshops and hackathons; competed for several years in the French Robotics Cup.
— Managed the association's server infrastructure; developed and deployed digital platforms enhancing student life.

Former roles
— Vice-President, ENSAE Student Union : partner outreach, team leadership, event organisation.
— Founder of *Spectra*, ENSAE sound & lighting association.
— Founder of *Vision*, ENSAE photography & filmmaking association.
— Logistics Lead, ENSAE Careers Forum.