SOLAL ZANA

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EDUCATION

2024 – 2026 **ÉCOLE POLYTECHNIQUE – HEC PARIS** Saclay, France
MScT in Data Science & Artificial Intelligence for Business
Relevant Courses: Machine Learning, Optimization/Deep Learning, Data Engineering, Statistics, Linear Algebra

2020 – 2024 **UNIVERSITÀ BOCCONI** Milan, Italy
BSc in Economics, Management, and Computer Science – Major in Computer Science
Activities: Innovis VC (Operations Department, 3 Due Diligence Projects, 20+ start-ups sourced, Fintech Industry study); Bocconi AI & Neuroscience Association (Research, Weekly News); French Tennis Team
Relevant Courses: Adv. Statistics, Programming, Machine Learning, Big Data & Databases, Econometrics

2013 – 2020 **ÉCOLE JEANNINE MANUEL** (International High School) Paris, France
Scientific Baccalaureate – Specialization in Computer Science and Digital Sciences (ISN)
Activities: Member of the Debate and Tennis Clubs
Relevant Courses: Mathematics & Statistics, Physics, Computer Science

PROFESSIONAL EXPERIENCE

Jan – Jun 2026 **HEC LAUNCHPAD** (Mobile App Studio) Paris, France
AI Engineer
- Built LLM agents that produce mobile apps at scale.
- Built a Reels agent that generates social media ads for these apps from a one-line brief.

Apr – Aug 2025 **H COMPANY** (Agentic AI Start-up) Paris, France
AI Engineer – LLM Agents, Evaluation & Training Data
- Developed LLM-based agents for prompt rephrasing, query optimization, run blocking and agentic execution control.
- Implemented agentic logic and behaviors on the Holo1 model, with tool use, reasoning and traceability.
- Designed and deployed web platforms to benchmark AI agents on realistic tasks in browser-based environments.
- Collected and structured datasets for RLHF (Reinforcement Learning from Human Feedback) and DPO (Direct Preference Optimization) fine-tuning.
- Built internal tools to support data collection, exploration and agent failure analysis workflows.

Summer 2023 **KENNET PARTNERS** (Private Equity Fund) London, United Kingdom
Data Scientist – Investment Opportunities
- Sourced investment opportunities to support the fund's expansion in France.
- Analyzed data on thousands of companies to build a database of personalized investment recommendations matching the fund's strategy and needs.

Spring 2022 **DIAMANTA** (B2X Jewelry Company) Saint-Ouen, France
Data Scientist – Business Development, Product/Sales/Supply Analysis, Growth
- Prepared raw data, queries and calculations to build clear, automated dashboards of key sales and product performance statistics, with forecasts of overall performance.

LANGUAGES & SKILLS

- Languages: **Native:** French | **Fluent**: English (IELTS: 7.5/9) | Spanish (DELE: B2 Level), Italian (Bocconi test: 31/30)
- Skills: Python, R, SQL, Git, Docker, FastAPI, MLflow, PostgreSQL

ACTIVITIES & INTERESTS

Extracurricular Activities & Sports: **Tennis** (12 years)
Interests: Martial arts, music production, avid tennis fan
Volunteering and Philanthropy:
- Volunteering: one month on a military base, sharing a soldier's daily life.
- Food Collection & Distribution: collected food donations in supermarkets and redistributed them to people in need.
- Ran to raise money for Action Contre la Faim, which fights hunger in developing countries.