

JUNIOR AI ENGINEER

Enzo CHAROLOIS

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Ambilly, France (Geneva area) · French · 25/07/2002

AI Engineer building AI tools in industrial projects, with publications at a top tier international recommender systems conference. Based in Ambilly, commuting to Geneva. Bilingual French and English.

SKILLS

NLP and LLMs (Python, RAG, embeddings, nearest neighbor search, LangChainn), clustering and mapping (K-Means, DBSCAN, MDS, t-SNE, SQL), soft skills (adaptation, team player, proactive)

PROFESSIONAL EXPERIENCE

SmartTrade technologies, *Aix-en-Provence, France* — Jul 2025 – Dec 2025
IT Project Manager Intern

- Supported 3+ Swiss banking clients on the FX platform: delivery follow up, ticket tracking, and configuration.
- Built a client configuration clustering tool across 40+ environments: JSON fingerprinting, weighted similarity metric tuned by stochastic search and k-fold cross validation, multidimensional scaling, K-Means, interactive dashboard. Reduced configuration search time by 10x.
- Built an internal RAG tool to speed up access to platform knowledge, improve support responses, and reduce time spent searching documentation

Siemens Healthineers, *Erlangen, Germany* — Apr 2024 – Aug 2024
Prototype Developer Intern at OpenIT Studio

- Delivered 5 digitalisation use cases by building low code app prototypes and Power BI dashboards to support process automation.
- Conducted requirements analysis using user centered methods, including Design Thinking.

Junior Mines Provence, *Aix-en-Provence, France* — Mar 2023 – Mar 2024
Vice-President

- Student-run IT consulting firm (Junior Entreprise) with national reach (over €10k in revenue).
- Managed strategy, partnerships and alumni relations driving growth and team (+10 members) cohesion.

AI RESEARCH PUBLICATIONS

Co-published two research papers on transformer-based playlist recommendation systems, accepted for presentation and demo track at ACM RecSys 2025, a top-tier international conference.

EDUCATION

Eurecom (Founded by EPFL), *Sophia Antipolis, France* — 2024 - 2025
Post-Master Double Degree - AI & Cybersecurity - Specialized Engineer

- Expertise in AI: ML, DL, RL, Deepfake detection, and LLMs..

Mines St-Etienne (Top 10 FR), *Aix-en-Provence, France* — 2022 - 2025
Master of Engineering - Computer Science - Top 10 FR

- Industrial Engineering School: Computer Science & Microelectronics specialty.

ADDITIONAL INFORMATION

Languages: French (C2, native), English (C1, fluent), Spanish (B2, intermediate).
Certificates: Google's Foundation of Project Management and X (Polytechnique)'s Digital Business.
Sports achievements: Regional Vice Champion (PACA) in boxing; volunteer boxing instructor.