

Romain Schrijvers

Computer Science engineering student, INSA Lyon | Applied AI, full-stack development, data

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PROFILE

Dual technical and commercial background: AI and data applications designed and shipped to production for clients (RAG, hybrid search, OCR, BI); 15+ projects signed and a team of about 30 business developers led.

Available for **freelance work**, and for a **3–4 month internship from May 2027**. EU citizen.

EXPERIENCE

L'Oréal – Global Beauty Tech

Paris, France

Enterprise Architecture & Integration Intern

Jun 2026 – Aug 2026

- Audited the **RAG** pipeline behind the API Developer Portal chatbot; improved the tools querying **OpenAPI** specs and balanced answer quality against inference cost
- Mapped the information system (data flows, interfaces, data model) and contributed to the **technical roadmap**
- Drove API governance and **data quality** during the iPaaS migration to Workato, with an India-based team

ETIC INSA Technologies – INSA Lyon's student-run consulting firm (Junior-Entreprise)

Lyon, France

Technical Consultant, architecture and full-stack development – client: ARICI (construction SME)

May 2026 – Aug 2026

- Shipped to production** an app that drafts responses to public tenders (**FastAPI**, **PostgreSQL**, **React/TypeScript**), scoping requirements directly with the client's leadership, from spec to delivery
- Built the analysis pipeline for tender files of several hundred pages: **OCR**, document classification, requirement extraction and semantic deduplication, inconsistency detection
- Implemented **hybrid search** (dense + full-text, *Reciprocal Rank Fusion*) on **pgvector**; added an anti-hallucination guard to LLM drafting (fact registry, flagging of unverified claims)

Data & Business Intelligence Consultant, client: SOCOTEC

Apr 2026 – Jun 2026

- Designed a **star schema** reconciling the public Sitadel 2 API with the group's data lake and ERP; **DAX** measures
- Delivered an executive-committee **Power BI** report (national to branch level) on market KPIs set with the client

Head of Sales (2025 – 2026), previously Business Developer, Purchasing Officer and Project Manager

Sep 2024 – Apr 2026

- Led about 30 business developers and created the AI and sustainability offers; **signed 15+ projects** (approx. €100k, all closed out), **+175% client acquisition** year over year
- Scoped, priced and coordinated document-AI projects: requirement extraction for **CEA** (French Atomic Energy Commission), tender-file analysis for Atexo, intelligent document processing for Provexi

Parkhouse Bell – Talent research firm

London, UK

Talent Research Intern

Jul 2024 – Aug 2024

- Automated client deliverables in **Python** (Pandas, openpyxl, python-pptx) that were previously produced by hand

PROJECTS

Propale Bot – Python, REST API, LLM, HubSpot, Docker, Nginx, OVH

2025

- Internal tool that generates sales proposals and contracts with an LLM and syncs them to the CRM; cut drafting time from **4–6 hours to 10–30 minutes** per proposal

EDUCATION AND SPORT

INSA Lyon – Diplôme d'Ingénieur in Computer Science (MSc equivalent)

Lyon, France

Engineering cycle, 4th year (M1) – expected graduation 2028

2025 – 2028

- Coursework:** Advanced Algorithms & Graphs, Probability & Statistics, Machine Learning, Data Mining, Concurrent Programming, Databases, Networks, Compilers

INSA Lyon – Undergraduate cycle, High-Level Athlete track

2022 – 2025

French Baccalauréat – Highest honours (mention Très Bien, félicitations du jury)

2022

Competitive football (5 seasons): captain of a U17 national-league team (Le Mans FC), quarter-finalist in the national U19 cup (Coupe Gambardella, AS Saint-Priest), French university champion (Grandes Écoles, INSA Lyon).

SKILLS

Programming	Python, SQL, TypeScript/JavaScript; Java and C++ (coursework)
Backend	FastAPI, SQLAlchemy, REST/OpenAPI, Celery/Redis, Docker, Nginx, Linux, Git
Data	PostgreSQL/pgvector, Pandas, data modelling (star schema), ETL, Power BI, Power Query, DAX
AI	RAG, hybrid search, embeddings, LLMs (Mistral), OCR and document extraction, pipeline evaluation
Tools	HubSpot API, Power Automate, Streamlit
Languages	French (native), English (professional working proficiency, UK internship)