

Tim

✉ tim.contact@teamss.fr 🇫🇷 French citizen 🎓 Graduating Oct 2028
🌐 github.com/teamssUTXO 🌐 teamss.fr 📅 Available Summer 2027 (12–17 weeks)

Computer science engineering student and AI engineer apprentice shipping LLM systems to production (RAG, multi-agent orchestration, LLM evaluation) and communicating results to technical and non-technical stakeholders, up to company directors.

Skills

Programming: Python, TypeScript, Java, C#, Rust, SQL

AI & LLM: LangChain, LangGraph, n8n, RAG, Multi-agent systems, MCP, Ragas, Langfuse, Qdrant, pgvector, Claude Code

Technologies: FastAPI, Spring, Next.js, React, Node.js, PostgreSQL, MongoDB, Redis, scikit-learn, pandas

Infrastructure: Azure, Docker, Kubernetes, Linux, Nginx, Prometheus, Grafana, GitHub Actions CI/CD

Education

CESI Engineering School

Rouen, France

Master of Science in Computer Science and Engineering – CGPA: 3.74 / 4.0

Sep 2023 – Oct 2028 (Expected)

Relevant coursework: Probability & Statistics, Machine Learning

Apprenticeship track: alternating engineering coursework with full-time AI engineering work at Agirc-Arrco

Experience

Agirc-Arrco

Orléans, France

AI Engineer Apprentice

Oct 2025 – Present

- Shipped a **production RAG assistant used by 1,000+ advisors** at a pension fund covering 53M people, to check whether a website bug is known and fixed, collaborating with cross-functional business teams from requirements to user acceptance testing (Python, LangChain, FastAPI, Azure).
- Built an **LLM evaluation pipeline with Ragas and Langfuse** that scores answer faithfulness on a curated test set.
- Built the ingestion pipeline that prepares the full bug-tracking document for retrieval.
- Cut **mean time to resolution by 50%** with a multi-agent root-cause analysis system for an IT team handling **200+ alerts a day** and 5+ major incidents a week.
- Designed the system in LangGraph: sub-agents with narrow contexts query Prometheus, Splunk and Tempo in parallel, and an orchestrator agent merges their findings, lowering LLM cost.

Founders

Remote

AI & Full-Stack Engineer Intern

Apr 2025 – Jul 2025

- Built a chatbot backed by **100 domain-specific RAG sub-agents** in n8n, with an orchestrator agent routing each question to the right one. Designed each domain's Qdrant knowledge base and prompts.
- Built a messaging platform and its Chrome extension independently in Next.js, from requirements to user testing.

Projects

License Plate Reader - Real-time detection and OCR on video streams

Python, PyTorch, YOLO, OpenCV, OCR

- Fine-tuned a **YOLO object detector** on a license plate dataset and chained it with OCR to read plates from live camera video streams.
- Evaluated detection and reading accuracy on a held-out test set with **precision, recall and mAP**, iterating on data augmentation and training settings.

WeTalk - Microservices social network with an AI assistant [↗](#)

Next.js, Express, Docker, RAG, MCP

- Owned backend development as **project lead on a team of 5**, splitting a 10-service microservices architecture across the team and reviewing code across services in Agile sprints.
- Built the AI assistant end-to-end on my own: a **RAG pipeline** answering from the platform docs and **MCP tools** letting it act on the platform for users.

BTCPay Server - Open-source Bitcoin payment processor [↗](#)

C#, .NET, Open source

- Merged **25+ pull requests** across the ecosystem's repositories collaborating with core maintainers through code reviews, contributing full-stack features and translations to a project with **8k+ GitHub stars**.
- Built and launched an **uptime monitoring plugin** that tracks the availability of websites and servers directly from a BTCPay instance.

Bitcoin MCP Server - Live Bitcoin data for AI assistants [↗](#)

Python, MCP, REST APIs

- Built an MCP server exposing **23+ tools** that give AI assistants like Claude live Bitcoin data: blocks, transactions, fees, mining, and stats.
- Aggregated free public APIs requiring no API key, so the server plugs into any assistant with zero setup.

Certifications

Anthropic – Model Context Protocol: Advanced Topics: Covering sampling, notifications, roots, and production transports for MCP servers

AWS Certified AI Practitioner (expected Dec 2026): Covering AI/ML fundamentals, generative AI, and responsible AI on AWS

Languages & Interests

Languages: French (native), English (professional working proficiency)

Interests: Running (800m to 10km races), Tennis (former FFT 15/5 ranking), Tech conferences (VivaTech, The AI Conference SF)