

Tech lead and developer specializing in artificial intelligence, seeking high-stakes R&D challenges.

EXPERIENCE

since 2026
Paris, France

Tech Lead, Artificial Intelligence

Rnest.io — La mètis

Responsible for AI innovation and development for the automated analysis of large corpora from web crawlers.

Automatic, inductive construction of sourced reports for strategic defense and foresight questions. RAG backend rewrite.

agentic topic modeling / agentic RAG / fast-api / local llm

2023 — 2025
Paris, France

Research Engineer, Project Lead

SUMMIT — Sorbonne University

LIP6 + MLAB (Google CS&S) : ICMP Internet Mapping rust / python / combinatorics
Improved state-of-the-art: higher precision and 15% fewer probes.

LIP6 : Robust Management of AI Experiment Plans python

Paris Brain Institute : VR Experience for Parkinson's Study unity / c# / python

CNRS : Medical Data Compliance Application fast-api / python

Polytech Sorbonne : Lectures, instructor python / rust / git

2017 — 2023
Paris, France

Tech Lead in Cryptology and Artificial Intelligence

Ministry of the Armed Forces

Leader of a team of eight engineers. Research project planning and monitoring, and keeping critical systems in operational condition.

project and team management / machine learning / reinforcement learning

Engineer in Cryptology and Artificial Intelligence

Development of innovative methods in NLP and algorithmics for operational applications. Design and implementation of high-performance algorithms for distributed computing.

python / c / hpc / nlp

2016 — 2017
Toulouse, France

Cryptography Engineer

Thales Alenia Space

c / c++ / python / cryptography / satellite systems

EDUCATION

2015
Paris, France

Double Master in Mathematics, CompSci and Cryptology

University of Paris — Paris 7 Diderot

Internship: *Securing biometric identity data* at Thales Communications & Security

SKILLS

EXPERTISE

Deep Learning – RAG, agentic workflows, prompt engineering

Algorithms – finite automata, combinatorics, NLP

Cryptology – key-management infrastructure, cryptanalysis

MANAGEMENT

Project – planning, agile tracking, client relations

Technical – managing technical debt, review process

Team – recruitment, evaluation, conflict resolution

PROGRAMMING

Languages – Python, Rust, C

Technologies – Docker, git, GitLab, uv, FastAPI, Django, Claude Code, polyolith, vim, $\LaTeX$

LANGUAGES

French – strong writing skills, fluent speaking

English – proficient, written and spoken, international seminars and presentations