

Adam HNAIEN

hnaienadam@gmail.com · +33 7 67 01 07 58 · adamhnaien.fr · github.com/vgtray

EXPERIENCE

Winner of Anthropic “Built with Opus 4.7” Hackathon

Apr 2026

Cerebral Valley · San Francisco

- One of 6 awards given out of ~250 projects submitted by 500 selected participants worldwide. Co-built ARIA (see Projects), a Claude multi-agent system for industrial predictive maintenance — led the interface, MCP integration and end-to-end operator flow.

Assembly Technician / Integrator : Gravotech, La Chapelle-Saint-Luc

2025

- Assembled industrial marking systems — quality control, attention to detail, strict process compliance.

French National Gendarmerie Cadets : Ogier Barracks, Aube

2023 – 2024

- Teamwork, project management and institutional methodology.

Cybersecurity Discovery Internship : CAPSEC Platform, UTT

2020

- Explored cybersecurity principles, sensor networks and IoT solutions.

EDUCATION

University of Technology of Troyes (UTT) : Engineering Program (MEng)

2024 – 2029

Networks & Telecommunications

- Integrated Common Engineering Core (2024 – 2026), Networks & Telecom track starting Sep 2026.

Les Lombards High School : Troyes

2021 – 2024

French Baccalauréat (Sciences track) — Mathematics & Physics-Chemistry · Advanced Mathematics option

INFRA, DEVOPS & SECURITY PROJECTS

ARIA : Adaptive Runtime Intelligence for Industrial Assets

Apr 2026

- Industrial predictive maintenance platform powered by 6 Claude agents orchestrated via MCP.
- Designed the full operator flow: Onboarding → Control Room → Inspector → Work Order → Chat Q&A.
- MCP integration and real-time interface.

Self-hosted & secured CDN

2025

- Custom CDN with end-to-end encryption, Traefik reverse proxy, auto SSL and rate limiting.
- Token-based authentication, Linux hardening, zero-downtime — deployed on personal VPS (OVH).

DeployPilot : Self-hosted DevOps cockpit

2026

- Real-time monitoring of CPU / RAM / disk, Docker containers, GitHub Actions pipelines, smart alerts.
- Minimalist Datadog-style public status page — unified supervision of the full homelab.

OTHER PROJECTS

PixelLens : Chrome extension (design system extraction)

2026

- Extension that analyzes a web page and extracts its design system (colors, typography, spacing).

SKILLS & INTERESTS

Networks & Systems : Linux, DNS, reverse proxy (Traefik), SSL/TLS, Cloudflare, VM/VPS

DevOps / Infra : Docker, Docker Compose, GitHub Actions (CI/CD), Kubernetes (learning)

Cybersecurity : Encryption, network security, Linux hardening, IAM, token-based authentication, CTF

AI / Agents : Claude API and Agentic AI, RAG, MCP (Model Context Protocol), multi-agent orchestration, automation

Languages & Web : Python, TypeScript, JavaScript, SQL, Bash · Next.js, React, Node.js, PostgreSQL, Prisma

Spoken Languages : French (native), English (C1), German (B1)

Interests : Competitive swimming (TOS Troyes), Triathlon