

Tom Havyarimana

✉ havy.tom24@gmail.com ☎ +330782785110 🌐 in/tom-havyarimana 🐙 github.com/tomhavysedona

SUMMARY

AI Engineer shipping production AI beyond prototypes with evaluation, observability, human feedback, and cost-aware architecture. Guides AI transformation by creating automating workflows, integrating legacy tools, and training teams to adopt AI in daily operations.

EXPERIENCE

AI Engineer | Sedona Asia

March 2025 - Present, Bangkok, Thailand

- Built and shipped A3, a production-grade agentic accounting platform for Thai accountants that processes invoices in approximately 3 seconds, understands Thai and English PDFs, and messy scans or photos, auto-generates tax filings, enables one-click posting for hundreds of invoices, and exposes a full Model Context Protocol (MCP) control layer.
- Drove Sedona's internal AI transformation, starting with HR and back-office operations, by training teams, building a custom learning platform, creating AI workflows, and deploying 3 hosted MCP connectors that automate repetitive administrative work so staff can focus on higher-value human tasks.
- Architected and implemented Run-On's agentic infrastructure for 5 buy-side operations workflow categories, powering a modular orchestration layer where production agents use firm-specific context to handle data quality, reconciliation, troubleshooting, compliance, reporting, and audit-ready review workflows.

AI Engineer Intern | Bollore Logistics

April 2022 - October 2022, SG, Singapore

- Built a multi-use-case Retrieval-Augmented Generation (RAG) chatbot on private company data to help consultants retrieve internal knowledge and generate stronger commercial proposal responses faster across commercial workflows.
- Presented the chatbot at the company's yearly seminar to 1,500+ consultants.
- Supported business-development discussions for 1 internal AI solution later selected for group-level industrialization across the organization.

Data/AI Pole Team Member | Kryptosphere

September 2021 - April 2022, FR, Paris La Défense

- Built a Fear and Greed indicator from Twitter sentiment data to support daily crypto market analysis for the Data/AI pole.
- Developed 1 machine learning crypto trading bot integrated with the Binance API for automated market experimentation across live exchange data.
- Onboarded new members to 2 practical AI trading workflows covering sentiment analysis and machine learning-based trading.

PROJECTS

AI Side Projects | Personal Projects

github.com/TomHavy/

- Built 4 applied AI projects across sports prediction, banking marketing response modeling, crypto market analysis, and low-resource language learning using Python, scraping, supervised learning, data cleaning, feature engineering, model evaluation, local inference, dashboarding, and GitHub documentation.
- Implemented an open-source Retrieval-Augmented Generation (RAG) assistant using Mistral 7B Instruct and a fully local LLM stack for private document question answering, source retrieval, and reproducible experimentation.
- Fine-tuned an open-source LLM for Kirundi language learning using limited training data, extending experimentation beyond English and French NLP use cases into low-resource language adaptation.

EDUCATION

Engineering Master's degree in Data Science & AI | ESILV - Leonard de Vinci Graduate School of Engineering

FR, Paris La Défense, 2018-2023

Exchange program in Science & Technology | NMBU - Norwegian University of Life Sciences

NO, Ås, 2022

Exchange program in Computer Science & Engineering | CAU - Chung-Ang University

KR, Seoul, 2021

CERTIFICATIONS

IBM Machine Learning Professional Certificate

SKILLS

AI: Large Language Models (LLMs), Agentic Engineering, Harness Engineering, Model Context Protocol (MCP), Claude, OpenAI, Langgraph, DeepAgents, Retrieval-Augmented Generation (RAG), Prompt Engineering, Evaluation, Observability, human-in-the-loop

Cloud and DevOps: Google Cloud Platform (GCP), Docker, GitHub Actions, CI/CD, Supabase, Azure, GitOps

Agentic Coding Stack: Codex (Pro plan), Claude Code (x2 Pro plans)

Soft Skills: Adaptable, curious, strong team player, clear communicator