Scan to view my
interactive digital CV



KAYS PERNIN

AI Expert Student — Agents, ML & Applied AI

Student - EPITECH Paris Graduate Program
Internship at Artefact (August - December 2026)

Download CV PDF | GitHub | LinkedIn

Cover letter (FR) | Request a callback

ABOUT ME

2nd-year student in the EPITECH Paris Graduate Program, specializing in Artificial Intelligence applied to real-world problems — from healthcare (real-time ML classification at the **MIT Hacking Medicine** hackathon) to marketing (data-driven dashboards and prompt engineering at **Artefact**, **AI Augmented Marketing** program). Curious, rigorous and autonomous, I'm looking to keep contributing to high-impact AI projects.

WHAT I CAN DO FOR YOU

I can bring a concrete perspective on AI automation: agents capable of handling repetitive tasks, reducing operational costs and eliminating human errors. Determined, I adapt quickly and deliver.

SKILLS

Python · TypeScript · LangGraph · Agents IA · LLM / Claude API · Machine Learning · scikit-learn · FastAPI · Automatisation · API REST · Prompt Engineering · Gemini Enterprise Pro · Data Analysis · Programmation C · HTML / CSS · Git · SQL · Linux · Docker

Languages : Français · Anglais (B2) · Arabe (lu, écrit, parlé)

PROFESSIONAL EXPERIENCE

08/2026 - 12/2026

ARTEFACT — AI Intern, AI Augmented Marketing Program
Reporting to the Group Marketing & Communications Director. Two missions on the same dataset of 4,715 LinkedIn posts (2020-2026): (1) an interactive editorial performance dashboard (growth, competitive benchmark, format performance) built with Gemini Enterprise Pro; (2) a cross-analysis of endogenous data (Artefact's internal guidelines) and exogenous data (LinkedIn's algorithm and market trends) to pinpoint the top 10 and bottom 10 performing posts per content type, diagnose the drivers behind them using 7 category-specific Master Prompts (prompt engineering), and generate new posts optimized for organic reach.

04/2026

MIT HACKING MEDICINE — Pediatric Hackathon Paris
Built a contactless neonatal monitoring system (*Neonatal Guardian Angel*). Led the audio module: real-time classification of 4 cry types (pain, hunger, distress, silence) from sound, with a machine learning model reaching 86% reliability (F1-score). Full pipeline: acoustic feature extraction, data rebalancing, trained on a validated scientific dataset.

2024 - Present

EPISOLIDAIRE ASSOCIATION
Outreach programs, collections and solidarity actions in Paris.

EDUCATION

2025 - 2030

EPITECH PARIS
Graduate Program - Software Engineering (2nd year)

2024

HIGH SCHOOL DIPLOMA - Honors
Mathematics & Economics

OVERVIEW

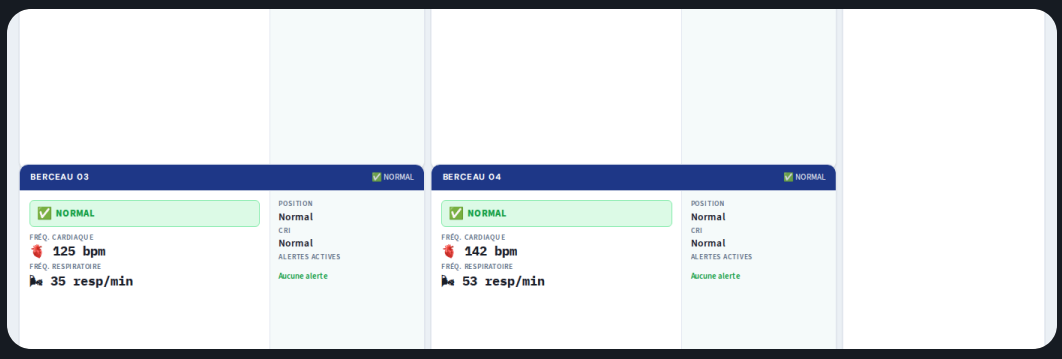
EpiSolidaire

Community involvement and humanitarian actions.

Voir →

MY PROJECTS

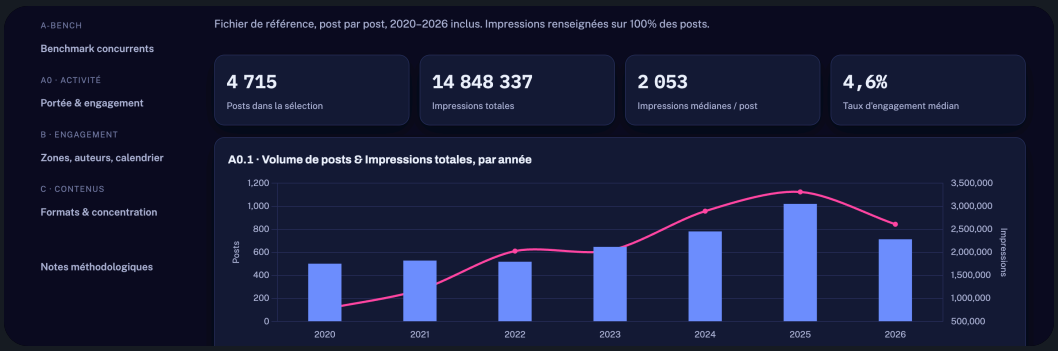
Tous | IA | C | Graphique | Maths



MIT Hacking Medicine — Ange Gardien Néonatal

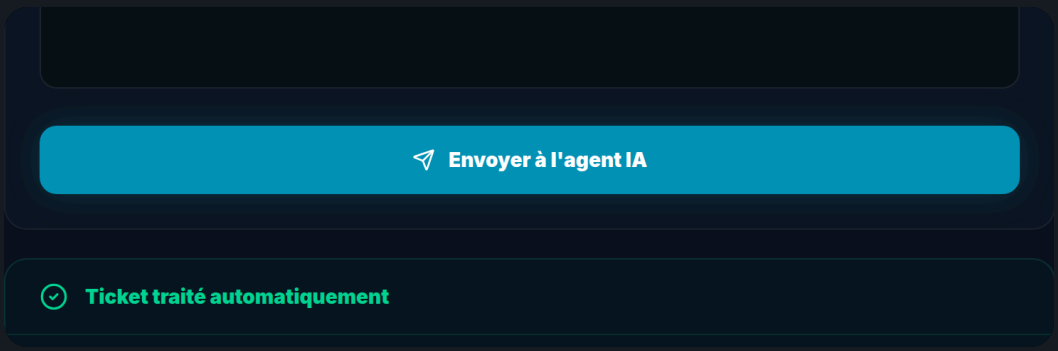
MIT Pediatric Hackathon Paris (April 2026). Contactless neonatal monitoring system for SIDS prevention and neonatal pain detection. Audio module: real-time 4-class cry classification from sound, with

a machine learning model reaching 86% reliability (F1-score). Integration with FastAPI + WebSocket + multi-crib Streamlit dashboard.



AI Augmented Marketing — Dashboard & Blog-to-Post (Artefact)

Internship at Artefact, two missions on 4,715 LinkedIn posts (2020–2026). Data analytics dashboard on Gemini Enterprise Pro (growth, competitive benchmark, content-format performance). Cross-analysis of endogenous (internal guidelines) and exogenous (LinkedIn algorithm, market) data to pinpoint the top 10 and bottom 10 performing posts per content type and diagnose the drivers behind them using 7 category-specific Master Prompts (prompt engineering), to generate new posts optimized for organic reach.



Iagentyk — Agent IA B2B (projet personnel)

Autonomous 24/7 execution agent for e-commerce: analyses customer emails, processes refunds via Shopify/Stripe API, auto-replies via Gmail. LangGraph architecture (async Python) + TypeScript. Working

demo, GDPR-compliant infrastructure (Supabase EU). Zero human intervention for refunds under €50.

Voir le projet →



Wolf3D — moteur raycasting (projet personnel)

First-year Epitech project turned personal project: a Wolfenstein-3D-style raycasting engine in C/CSFML, rebuilt and extended over 100+ commits. Enemy AI (ranged and melee combat, multi-phase boss with summons), dynamic day/night cycle, secret pushwalls, fog-of-war minimap, full save system, DS4 gamepad support, spatialized audio.

GitHub →

```
Adder(0): alive
r1: 00000000 r2: 00000000 r3: 00000000 r4: 00000000 r5: 00000000 r6: 00000000
r7: 00000000 r8: 00000000 r9: 00000000 r10: 00000000 r11: 00000000 r12: 00000000
r13: 00000000 r14: 00000000 r15: 00000000 r16: 00000000
PC : 00000C04 carry : 1

Bill(1): alive
r1: 00000001 r2: 00000000 r3: 00000000 r4: 00000000 r5: 00000000 r6: 00000000
r7: 00000000 r8: 00000000 r9: 00000000 r10: 00000000 r11: 00000000 r12: 00000000
r13: 00000000 r14: 00000000 r15: 00000000 r16: 00000000
PC : 00000609 carry : 0

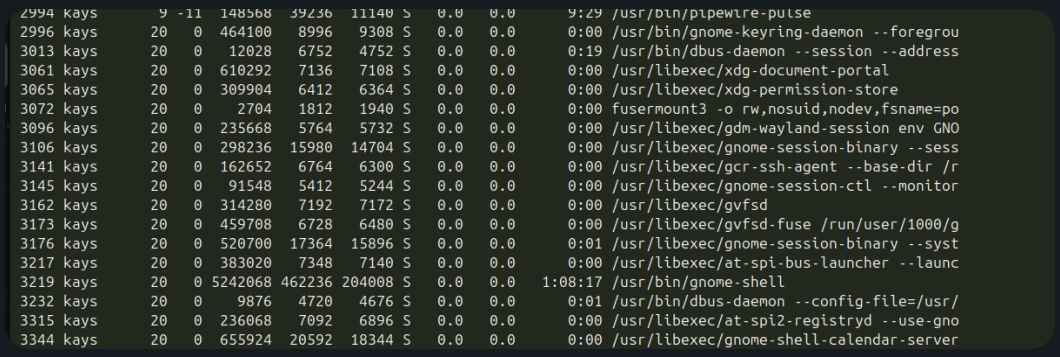
Forker(2): alive
r1: 00000002 r2: 00000000 r3: 00000000 r4: 00000000 r5: 00000000 r6: 00000000
r7: 00000000 r8: 00000000 r9: 00000000 r10: 00000000 r11: 00000000 r12: 00000000
r13: 00000000 r14: 00000000 r15: 00000000 r16: 00000000
PC : 00001208 carry : 0

Memory:
```

Corewar — machine virtuelle assembleur

Epitech project: a virtual machine that executes assembly programs (“champions”) fighting for survival in a shared circular memory arena. Full 16-opcode instruction set (memory load/store, arithmetic, conditional jumps, and **fork**/**lfork** for multi-process champions), cycle-based scheduling with a survival mechanic (“cycle to die”), memory/register dump mode for debugging.

GitHub →



my_top

Reimplementation of the **top** command in C using ncurses to display real-time system processes.

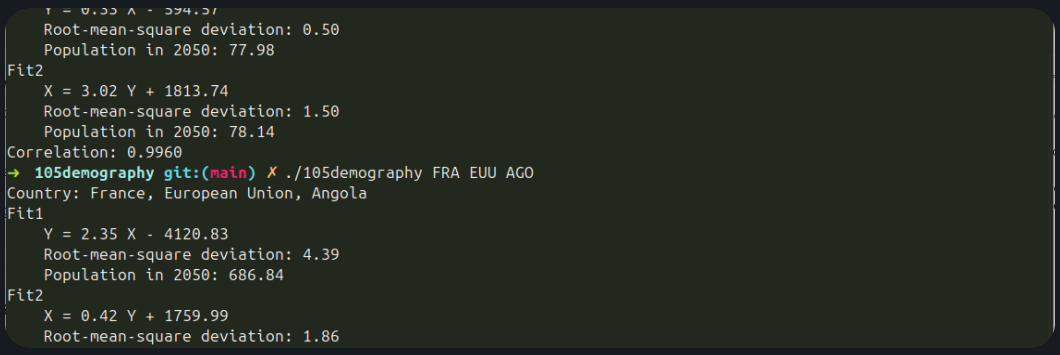
GitHub →



my_radar

Graphical aircraft simulation with collision detection and control zones.

GitHub →



105demography

Linear regressions applied to demographic data to predict population growth in 2050.

GitHub →

CONTACT

Email : kays.pernin@epitech.eu
Phone : 07 62 39 17 77
Site : kayspernin.com