

LOUAÏ HAMLAT

Seeking a full-time engineering internship from May 2027 (12 to 16 weeks) | Mines Paris - PSL & Paris Cité

+33 7.69.12.98.94
DocteurWu

@hamlat.louai@gmail.com

Corneilles-en-Parisis, France

hamlat-louai

SKILLS

Tech & AI

- **AI Agents & LLMs** : Design and orchestration of autonomous multi-agent workflows, implementation of a custom agent (Hermes) for tool execution and advanced automation.
- **Development** : Python/R (medical research, data science), JS/WebGL, HTML/CSS.
- **MedGame Project** : Creation of a clinical serious game in JavaScript (+100 users, labeled by Pépité).

COMMITMENTS

Active Board Member

A2SUP Association (Health Tutoring)
Sept. 2024 - Oct. 2025

- › Management and automation of the mentoring system (Excel, Scripts).
- › Writing course materials, exercises, and the newsletter.
- › Moderation of the support forum.

ACTIVITIES

- ✓ **Swimming** (since 2011)
- ✓ **Weightlifting & Street Workout** (since 2017)
- ✓ **Running** : Multiple podiums in 3, 5 and 10 km races (2019 - 2024)
- ✓ **Continuous SOTA monitoring** : Real-time tracking of AI advancements (papers, lab releases and open-source community)

ACADEMIC BACKGROUND

Engineering Degree (Diplôme d'Ingénieur)

Mines Paris - PSL

Sept. 2026 - Present (IC25)

- **Double curriculum** : admitted directly into the 2nd year (2A, 2026-27) alongside medical studies.
- **Research term** : Data, Optimization & Generative AI.
- **Specialized courses** : Deep Learning for Image Analysis, Machine Learning.
- **Thematic project** : Virtual Worlds : Challenges, technologies and society.

Medical Sciences General Training Degree

Université Paris Cité

2023 - 2026

- **Research Initiation Track (equiv. M1)** : Data processing languages and AI tools for healthcare.

Machine Learning & Deep Learning for Image Analysis (coursework)

Mines Paris - PSL

2026 - 2027

- Graduate coursework : model training and evaluation, computer vision applied to medical images.

AI in Healthcare Specialization (Coursera)

Stanford University

Sept. - Dec. 2025

- Certification covering machine learning, evaluation, AI ethics and clinical implementation.

High School Diploma with Highest Honors

Lycée Louis Le Grand

2020 - 2023

- Majors in Mathematics & Physics-Chemistry, Advanced Mathematics option.
- Preparation for the **International Chemistry Olympiads** (ENS).
- Participation in the **General Mathematics Competition**.

PROFESSIONAL EXPERIENCE

Digital & Student Health Project Manager (CARE-MED)

Faculty of Health - Université Paris Cité

📅 Sept. 2026 - Present

- Design, deployment and facilitation of the faculty digital platform **CARE-MED** dedicated to student well-being and overall health.
- **UX Research & Scoping** : Development of audits, questionnaires and facilitation of focus groups to identify priority needs.
- **Digital Content Creation** : User testing, iterative refinement of formats (videos, podcasts, interactive resources) and simplification of institutional content.
- **Outreach & Deployment** : Liaison with student cohorts and associations, integration of the tool during faculty welcome events.

Product Owner & Lead Developer

Medgame - Founder

📅 May 2025 - Present

- **End-to-end lifecycle management** of Medgame, an open-source clinical simulation serious game developed in JavaScript.
- **Educational needs assessment** in close collaboration with the ECOS reform.
- **Technical architecture design**, application development and meticulous project management.
- **Community engagement** (+100 student users) and project recognized and labeled by Pépite (CréaJ IDF).

Personal Care Assistant

OuiHelp

📅 June 2026 - Aug. 2026

- Support for individuals with reduced autonomy in daily living activities.
- Meal assistance, home maintenance and social connection.

Transit Coordinator

Nacel then Hopways

📅 June 2024 - Aug. 2026

- Reception and accompaniment of young travelers in train stations and airports.
- Management of departure/arrival flows and logistics coordination with families.

Student Ambassador

Université Paris Cité

📅 Sept. 2025 - Jul. 2026

- Welcome, information and personalized support for students.
- Organization and facilitation of institutional events (WelcomeDesk, Open Houses).

Academic Tutor (180+ hours)

Alveus

📅 May 2024 - Jul. 2025

- Tutoring sessions in mathematics and sciences for middle and high school students.
- Regular academic monitoring and methodology adaptation according to student profiles.

Retail Associate

Franprix

📅 Jul. 2024 - Aug. 2024

- Shelf stocking, cashier operations and store maintenance.
- Customer reception and optimized checkout flow management.