



Amdjed-Slimane Hama

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EDUCATION AND TRAINING

Bachelor of Informatics

University of Mila [09/2023 – Current]

Field(s) of study: Informatics Thesis: Blood Bank Management System- Final Year Thesis & Hospital Internship

HONOURS AND AWARDS

Top 1 student in the department in the second year in both semesters

Consistently ranked #1 in own class across all semesters.

AI Week Competition Winner for Best Web Application

Regularly invited by Erasmus+ coordinator to represent the university at international conferences and academic meetings.

Selected to present the "AI Lab(LISI) Web Application" project to visiting EU professors and the Minister of Higher Education of Algeria.

IELTS 6.5

WORK EXPERIENCE

 *Hospital Mohamed Meddahi* – Ferdjioua, Algeria

Intern-Healthcare IT

[02/2026 – 04/2026]

- Collaborated with medical staff to improve blood bank data workflows and efficiency

 *University Of Mila* – Mila, Algeria

Student Developer/ Software Engineer (Research & Development)

[02/2025 – 02/2026]

Architected and deployed a multi-tenant white-label full-stack platform using Node.js, PostgreSQL, and REST APIs, initially built for an AI laboratory, now enabling multiple university labs to manage research datasets with customized branding and isolated data access

 *Bank of Agriculture and Rural Development* – Ferdjioua, Algeria

Intern-Data Analyst and Problem solving using automation

[10/2024 – 11/2024]

Analyzed large financial datasets and developed automation scripts to optimize routine data processing tasks

PROJECTS

[02/2026 – Current]

Hospital Blood Bank Web Application – Full-Stack Developer/ Bachelor's thesis • Developing a web-based system to manage blood bank operations• Analyzing large biomedical datasets to identify patterns and optimize emergency response workflows• Translating real-world clinical requirements into algorithmic and data-driven solutions

[02/2025 – 02/2026]

Multi-Tenant White-Label Platform for university labs • Architected a multi-tenant white-label platform for university research labs, enabling customized data portals for each lab with shared infrastructure using Node.js, PostgreSQL, and REST APIs• Engineered a scalable data management system supporting heterogeneous AI research datasets across multiple interdisciplinary projects, with lab-specific branding and access controls

Link: <https://lisi.univ-mila.dz/>

CERTIFICATIONS

[University of Helsinki]

Elements of Ai : introduction to AI

Mode of learning: Online

LANGUAGE SKILLS

Mother tongue(s): Arabic

Other language(s): French | English

SKILLS

c++ / HTML/CSS / Node.js / Express.js / JavaScript / PostgreSQL / Git / Python / computer vision

EXTRACURRICULAR ACTIVITIES

[2024 – Current]

Academic Meetings & Institutional Collaboration (Erasmus+ / University)

- Selected by Erasmus+ coordinator to participate in international academic meetings.

[02/2024 – Current]

Key Member– Mobile Development Team & Media Team Worker, Unitech Club, University of Mila

- Built mobile applications (Flutter/Dart); • completed foundational Machine Learning course
- Managed digital content and outreach; • recognized for exceptional commitment