

# AFERIAD KAMAL


Engineering Student | Developer | Tech Enthusiast

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## EDUCATION

Engineering Student (Cycle Préparatoire)

ENSAM Meknes

 2024 – 2029

- Master's degree track in Engineering
- Strong foundation in mathematics, physics, computer science

## PROJECTS

LLMChat

Solo project

 2025

- Lightweight web app for chatting with various LLMs, built from scratch

Ticketing System

Solo project

 2025

- Sophisticated ticket resolution system leveraging AI to analyze user issues
- Generates clarifying questions and provides actionable solutions

Line Follower Robot

Team Leader, Developer

 2024

- Designed and programmed an IR sensor-based robot for line following

Penplotter

Team Leader, Developer

 2025

- Full hardware/software implementation of a 2-axis pen plotter

Gaz'Arts

Solo project

 2025

- Art website showcasing frontend development skills


MiCava

Solo project

 2023

- Audio visualizer using GLFW3 and C++, mapping mic input to waveforms

## CERTIFICATIONS

 **Cisco Introduction to Cybersecurity**  
Completion badge from Cisco Networking Academy

## LANGUAGES

English (Fluent)   French (Fluent)   Arabic (Native)

## CLUB LEADERSHIP

Chef de Pôle Dev

Gadz'it ENSAM Meknes




 2025 – 2026

- Led development of internal tools, visual identity, and event logistics
- Coordinated team roles and communication pipelines

## TECHNICAL SKILLS

Python   C/C++   JavaScript  
HTML/CSS   Arduino   GLFW3  
Linux (NixOS)   Git & GitHub  
Blender (Basic)   LaTeX  
Shell scripting   Bash/Zsh  
Cloudflare   Networking  
Markdown   full-stack   DevOps  
SysAdmin   Ollama   Webscrapping

## STRENGTHS

-  **Autonomous Learner**  
Built entire projects from first principles without frameworks
-  **Leadership**  
Led multi-person teams on hardware/software integration
-  **Problem-Solving**  
Created solutions spanning software, electronics, and UX