

# Houda CHAIRI

AI/ML ENGINEER



Aspiring AI/ML engineer and student at 1337 Coding School, passionate about solving challenges through AI and machine learning while advancing expertise in the field.

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## Skills

### Langages

C, C++, Python

### Familiar with

Docker, Adminer, Postgres, Git/Github

### Libraries

NumPy, Pandas, Matplotlib

### Framework

Django

## Certificates

### Diploma in Java/J2EE

Open ITC Academy  
January 2021 - June 2021

## Languages

### Arabic

### English

### French

## Social networks

- 🌐 @hchairi
- 🐙 @HoudaChairi

## Projects

- Chatbot** Since Jan. 2025  
**Oracle, Online**  
The Oracle Cloud Infrastructure Generative AI Professional Course equipped me and my partner with skills in Large Language Models (LLMs) and chatbot development. It covered LLM architecture, fine-tuning, and integrating Retrieval-Augmented Generation (RAG) with LangChain.  
→ Technologies used: Python, TensorFlow, Oracle Cloud Infrastructure.
- Ft\_linear\_regression** Jan. 2025  
**1337 Coding School, Tétouan**  
Developed a machine learning program implementing simple linear regression from scratch to predict car prices based on mileage. Applied fundamental statistical concepts including gradient descent algorithm for parameter optimization.  
→ Technologies used: Python, NumPy, Pandas, Matplotlib.
- Python for Data Science** Dec. 2024 - Jan. 2025  
**1337 Coding School, Tétouan**  
Completed an introductory program in Python for AI/ML, focusing on foundational programming skills and applications in artificial intelligence and machine learning. Gained hands-on experience with widely used tools and libraries.  
→ Technologies Used: Python, NumPy, Pillow, Pandas, Matplotlib.
- Ft\_transcendence** Jun. 2024 - Nov. 2024  
**1337 Coding School, Tétouan**  
The goal of this project was to develop a website to facilitate the organization of a Pong competition. The platform allows users to participate in online Pong matches against each other, featuring an intuitive user interface, integrated chat functionality, real-time multiplayer capabilities, and an AI module for enhanced gameplay experiences.  
→ Technologies used: HTML, CSS3, JavaScript, Python, Django, Postgres, Docker.

## Professional Experience

- Internship** May 2021 - July 2021  
**Innovaya Consulting, Paris, France**  
Remote internship at Innovaya Consulting, a company specializing in IT and management, where I designed and developed a web application for managing COVID-19 vaccination.

## Education

- IT Architect Student** Since Sept. 2022  
**1337 Coding School, 42 Network, UM6P, Tétouan**  
Intensive computer science education focused on projects, with an emphasis on software engineering, algorithms, and systems programming.
- Professional Degree in Management Informatics** Oct. 2020 - July 2021  
**FSJES, Tétouan**  
Acquiring a blend of skills in computer science and economics. Proficient in using technology to optimize business operations and decision-making processes.