



Summary — AI & Computer Science Enthusiast Passionate about Research and problem-solving, seeking a remote internship to apply my skills and learn from real-world challenges

Skills

- Programming Languages:** Python, C, Java

Frameworks: Pandas, NumPy, Matplotlib, OpenCV, BeautifulSoup, LangChain

Databases: SQL (MySQL, SQLite3), NoSQL (MongoDB)
- Web Technologies:** HTML, CSS (Tailwind CSS, Bootstrap), JavaScript

Version Control & Tools: Git, GitHub, UML

Operating Systems: Linux (Ubuntu), Windows

Experience

BANK AL MAGHRIB
AI Developer - Internship

02 Jul 2024 - 31 Jul 2024
Rabat - Morocco

Project: AI-Powered PDF Summarization and Q&A Application

- Developed an AI-driven application to **summarize PDF documents** and **answer questions** based on their content.
- Evaluated multiple **large language models (LLMs)** and selected **Llama 3** for its efficiency in summarization and Q&A tasks.
- Used **Ollama** for local deployment of models and **LangChain** for seamless interaction with uploaded PDFs.
- Designed a user-friendly and intuitive interface.
- technologies:** HTML, TailWindCSS, JavaScript, Flask, LangChain, Ollama, MySQL

Education

High National School Of Arts and Crafts- ENSAM
Second Year Student - Engineer's Degree, Computer science and artificial intelligence

2023 - 2026 — Casablanca

High National School Of Arts and Crafts- ENSAM
2 preparatory years, Math, Physics, Technologies
Relevant course: Linear Algebra; Calculus; Electronics; Probability; Numerical Analysis

2021 - 2023 — Casablanca

- Certifications**
- Python for Data Science, AI & Development — IBM
 - Hands-on Introduction to Linux Commands and Shell Scripting — IBM
 - CLA: Programming Essentials in C — Cisco
 - Programming with JavaScript — Meta

Projects

JobPath AI

- Developed an innovative platform designed to merge Artificial Intelligence technologies with job search API
- offered users a streamlined and effective experience in building professional CVs and finding tailored job opportunities
- Technologies:** React, TypeScript, Vite, TalwindCSS, FramerMotion
- API:** Gemini for AI interaction, adzuna API for job searching, opencage API for geolocation

Course Library

- Developed a Python application using Tkinter and SQLite3
- Allows users to log in and sign up
- Enables users to track and follow courses of their choice.

Automaton for HandWritten Digits recognition

- Used MNSIT dataset to train our model
- Defined The alphabet as a list of steps in the image processing workflow, defined the states as the different stages of image processing and transitions as the movement from one state to another based on the performed action
- technologies:** python, openCV, numpy, tensorflow, matplotlib,