

# Yacine EL KARRAMSI

Engineering Student in Big Data & Cloud Computing | Seeking Internship

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## PROFILE

First-year engineering student specializing in Big Data and Cloud Computing at ENSET Mohammedia, holder of a Bachelor's degree in Mathematics, seeking an internship to actively contribute to innovative projects in Data, web development, and artificial intelligence, and to strengthen my expertise in designing scalable and intelligent solutions.

## PROJECTS

**Ocazz.ma** | [Laravel](#), [React](#), [Python](#), [MySQL](#) | [GitHub](#)

- Full-stack platform for buying/selling used cars in Morocco with email **authentication** and **Google OAuth**, multi-step listing management, and admin panel.
- **AI**-based price estimation (Random Forest, scikit-learn) exposed via a **Flask** API, trained on Moroccan market data.
- **Real-time** private messaging via **Laravel Reverb** (WebSocket) and streaming chatbot via SSE.

**Depman – Dependency Manager** | [Bash](#), [C](#) | [GitHub](#)

- CLI tool in **Bash** automating dependency checking and installation from a `deps.conf` file, compatible with **6 Linux distributions** (apt, pacman, dnf, zypper, apk).
- 3 execution modes (subshell, fork, **POSIX threads in C**) with timestamped snapshots, environment restoration, and diff comparison.

**GitHub Analytics** | [Python](#), [React](#), [FastAPI](#), [SQLite](#) | [GitHub](#) | [Demo](#)

- GitHub activity tracking dashboard (commits, repos, languages, stars, PRs, issues) with daily snapshots and automated weekly email summaries via **APScheduler** and **Resend**.
- **FastAPI** REST API + **React** frontend with interactive charts (**Recharts**).

## EDUCATION

**ENSET Mohammedia**

*Engineering Degree in Big Data and Cloud Computing*

Sep. 2025 – Present  
Mohammedia, Morocco

**Ibn Zohr University**

*Bachelor's Degree in Mathematics*

2025  
Agadir, Morocco

**Faculty of Applied Sciences Ait Melloul**

*Physical Sciences Track*

Sep. 2021 – Jul. 2022  
Agadir, Morocco

**Al Fath High School**

*Baccalaureate in Life and Earth Sciences*

2021  
Agadir, Morocco

## TECHNICAL SKILLS & CERTIFICATIONS

**Languages:** Python, Java, PHP, JavaScript, C, Bash, SQL

**Web & Frameworks:** Laravel, React.js, FastAPI, Flask

**Data & ML:** scikit-learn, Pandas, NumPy

**Cloud & Databases:** Docker, AWS, Git, PostgreSQL, MySQL, SQLite

**Certifications:** Python Essentials 1 & 2 · CCNA Intro (Cisco) · Linux Unhatched · Linux Essentials

## LANGUAGES

**Arabic:** Native language · **French:** Intermediate · **English:** Professional