Oualid KHMAICH

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Profile

2nd year engineering student at **EMI**, passionate about IT technologies, AI, cloud, and DevOps. Curious, autonomous, and committed, I am seeking an application internship (PFA) starting mid-June.

Skills

Languages	Python, Java, JavaScript, HTML/CSS, SQL
Technologies	Angular, React, Spring Boot, Streamlit, Flask
Cloud and DevOps	AWS, Docker, Kubernetes, CI/CD, Git, Automation
Databases	MySQL, PostgreSQL, MongoDB
UI/UX Tools	Figma, Canva
Office Tools	Word, Excel, PowerPoint

Education

2023 – Present	**Mohammadia School of Engineers (EMI)** – Computer Engineering and Digitalization
2022 – 2023	**École Centrale Casablanca (ECC)** – Systems Engineering
2019 – 2022	**Preparatory Classes CPGE** – MPSI-MP
2018 – 2019	**Scientific Baccalaureate** in Physical Sciences (High Honors)

Experience

2025	**Part-time Internship – Thales, France** – Cloud, DevOps, security, automation
2024	**Internship – OCP Morocco** – AI voice assistant for repetitive tasks
2023	**Internship – UTAC Morocco** – Engineering field immersion

Academic Projects

○ At EMI

Intelligent E-blog:
Blog application with article recommendation (AI-based) using `Flask`, `SpringBoot`, `Angular`, `MySQL` and `Machine Learning`. (Ongoing)

Medical Awareness App:
Alert and awareness system for chronic diseases (diabetes, heart), built with `Angular`, `Flask`, and `Machine Learning`

OpportunIT Platform:
Opportunity-sharing platform between students and graduates using `Angular`, `Spring Boot`, `Flask`, and `PostgreSQL`. (Integrated project, 3 months, 4 members)

Ticket Reservation App:
Meal reservation system for students built in `C language`. (Integrated project, 3 months, 4 members)

○ At ECC

Smart City – Speed Limiter:
Speed alert system in a smart city using `WebSocket`, `JavaScript`, `ESP32`, and `HTML/CSS`. (Learning By Doing project, 9 months, 5 members, supervised by ECC's Engineering Curriculum Director)

Movie Recommendation System:
Film recommendation system using a clustering algorithm with `Python` and `Machine Learning`. (Coding Week project, 6 members, supervised by a PhD student in quantum computing)

Certifications

IBM – Data Science, Tools, Methodology   **Simplilearn** – Machine Learning
FreeCodeCamp – Responsive Web Design Developer

Qualities & Interests

Autonomous, curious, punctual, team spirit | Music, travel, football, basketball, volleyball

Languages

Arabic – Native   **French** – Advanced (B2)   **English** – Intermediate (B1+)