



ILYESS HAMDAOUI

DevOps

Future **software engineer** in Applied Computer Methods for Business Management (MIAGE) at the Moroccan School of Engineering Sciences (EMSI), I am looking for a final year internship (PFE). I am particularly interested in a **6-month** internship in **DevOps**.

+21270-8074753 hamdooulyass@gmail.com Marrakech in Hamdaoui ilyess

TECHNICAL SKILLS

- **Programming language**
Back-end:
Java, .Net, Springboot, C/C++, SQL.
Laravel, JavaScript, Python, PHP.
Front-end:
HTML, CSS, Angular, React, Botstrap.
- **Conception**
UML, Merise.
- **Project Management**
SCRUM, Jira
- **Deployment**
Git/GitHub, Jenkins, Docker
Azure DevOps.
- **Système d'exploitation**
Windows, Linux
- **SGBDs**
Oracle, MySQL, PostgreSQL.
- **Graphic Design**
Figma, Adobe Photoshop,
Adobe premier pro, Blender 3D
Adobe Illustrator.

LANGUAGES

Français : Courant
Anglais : Intermédiaire
Arabe : Maternelle

ASSOCIATIVE EXPERIENCES

Member of the Students' Bureau (BDE) of the EMSI	2024 2023
Innovation Club Community Manager - EMSI	2024 2023
Responsable Logistique & Sponsoring - IT Club FSSM	2024 2021
ENACTUS FSSM Team associate	2022 2020
Rotaract Club Marrakech Toubkal member	2021 2019

SOTF SKILLS

Leadership, Prise de risque,
Gestion de projet, Adaptability
Gestion d'équipe, Management
Resolution des problèmes.

EDUCATION

- **Computer Engineering and Networks, MIAGE option** Present
Moroccan School of Engineering Sciences, Marrakech
- **Bachelor's in Mathematical and Computer Science** 2022-2023
Faculty of Science Semlalia, Marrakech
- **Baccalaureate in Mathematical Science A** 2018
Sed Bine El Ouidane High School, Afourer

PROFESSIONAL EXPERIENCE

- **PFA Internship - Nodma TVA (6 months)** March - September 2024
NODMA Horizon, Casablanca
Technologies: .NET, Angular, PostgreSQL, Figma, Docker, Azure DevOps, Scrum
Implemented a software solution for VAT calculation and business management
I created interactive mockups with **Figma**. / I developed the backend in **.NET** and designed the user interface with **Angular**. / I containerized the application with **Docker** and set up **CI/CD pipelines** on **Azure DevOps**. / I applied the **Scrum** methodology to ensure efficient and **agile** project management.
- **PFE Internship - Analysis and Characterization Center Platform of UCA (3 months)** April - June 2023
Faculty of Science Semlalia, Marrakech
Technologies: Laravel, HTML, CSS, JavaScript, Bootstrap, and MySQL
A platform for digitizing all tasks of the Characterization Analysis Center (CAC), completed in a team of three.
I designed the backend with **Laravel** and a responsive interface with **Bootstrap**. / I collaborated in a team of three to optimize the **MySQL** database.
- **PFA Internship - Fight Detection on Surveillance Cameras (2 months)** July - August 2022
Faculty of Science and Technology, Marrakech
Technologies: Jupyter, VGG16
A model based on **VGG16** for detecting fights from surveillance cameras.
I developed and trained a model based on **VGG16** to detect fights in real-time.

ACADEMIC PROJECTS

- **CarLease - Car Rental Platform** 2023-2024
Moroccan School of Engineering Sciences, Marrakech
Technologies: Spring Boot, Angular, Microservices, Eureka, Docker, Jenkins, Figma
I am developing a car rental platform based on **Spring Boot** and **Angular** with a **microservices** architecture. I integrated **CI/CD pipelines** to automate deployment and ensure continuous delivery.
- **Vehicle Geolocation System** 2023-2024
Moroccan School of Engineering Sciences, Marrakech
Technologies: Spring Boot, React.js, Docker, Android Studio, WebSocket, Leaflet
I developed a mobile application for real-time tracking using **WebSocket** and an interactive web dashboard in **React.js**. The backend is built with **Spring Boot**, and dynamic maps with **Leaflet** were containerized using **Docker**.
- **AI-Based Software Test Automation System** 2023-2024
Moroccan School of Engineering Sciences, Marrakech
Technologies: Spring Boot, Angular, Microservices, Docker, Jenkins, GitHub
I designed an **AI-based** system for generating unit and functional tests, with a **microservices** architecture in **Spring Boot** and an interface in **Angular**. The deployment is containerized with **Docker** and automated through **Jenkins**.

CERTIFICATIONS

- **React Native**
IBM - Mai 2024
- **DevOps**
IBM - Avril 2024
- **Agile Development and Scrum (with Honors)**
IBM - Mars 2024
- **Containers w/ Docker, Kubernetes & OpenShift**
IBM - Mars 2024