



OUSSAMA ELAMRANI

COMPUTER ENGINEERING STUDENT (CLASS OF 2026)

+212 7 66 64 97 72 ✉ elamrani.oussamaa@gmail.com 📄 Mobility : Flexible

📁 Portfolio [in](#) [Oussama Elamrani](#) [oussamaelamrani](#) 📍 Oujda, Morocco

TECHNICAL SKILLS

- **Programming Languages** : C#, Java, PHP, JavaScript
- **Frameworks & Technologies** : Spring, Spring Boot, ASP.NET, Jakarta EE, Symfony, Angular, Bootstrap
- **DevOps & Cloud**: Docker, Kubernetes, Jenkins, Ansible, SonarQube, Grafana, Prometheus, Maven, Azure, Terraform, Argo CD
- **Principles & Best Practices** : SOLID, Design Patterns
- **Architectures**: Microservices, MVC, CQRS, API REST & RESTful
- **Agile Methodologies** : Scrum, Kanban
- **Version Control & Collaboration** : Git & GitHub, GitLab

CERTIFICATIONS

- Azure AZ-900 (Microsoft)
- C# (freeCodeCamp with Microsoft)
- Java (HackerRank)
- Angular (HackerRank)
- JavaScript (HackerRank)
- SQL (HackerRank)
- DELF B2 (French)

EXTRACURRICULAR

- CPM Club EHEI :IT Cell Manager
- Rotaract Club EHEI : Digital Communication Cell Manager

LANGUAGES

- **Arabe** : Native language
- **Français** : B2 Level
- **Anglais** : Reading, Writing, Speaking

SOFT SKILLS

- **Technology scouting** (continuous exploration)
- **Self-learning** (continuous training)
- **Team spirit** (collaboration, support, synergy)

INTERESTS

- **Sports** : Taekwondo, swimming, bodybuilding, chess.

EDUCATION

2023-2026

(present)

Computer Engineering Degree
Graduate School of Engineering (EHEI), Oujda

2021 - 2023

Preparatory Cycle
Graduate School of Engineering (EHEI), Oujda

2020-2021

High School Diploma in Physical Sciences
High School Riad, Oujda

INTERSHIPS

Computer engineer at SQLI Oujda June 2025 – July 2025

Designed and developed an internal medical visit management & scheduling system

Designed and developed an invitations and confirmations module featuring:

- Email-based invitations and status management (accepted, absent, spontaneous) between collaborators and physicians
- CQRS architecture in Symfony 7.3 (Twig Components, Bootstrap, JavaScript) with LDAP authentication
- Real-time notifications via Mercure and behavior-driven tests (TDD) to ensure feature robustness
- Continuous quality assurance using PHPStan, CS-Fixer, and SonarQube
- Pre-production environment setup with Docker and Ansible, plus CI/CD pipelines on GitLab CE
- Agile collaboration, Git/GitLab version control, and strict workflow adherence

PROJECTS

Student Guidance Platform

In Progress

Developed a web application providing:

- Academic path guidance (Bac → Bac+5) & institution selection (public/private/university)
- Entrance exam simulators & cost-of-living estimation
- Visa advice & integrated help resources (FAQ, step-by-step guides)
- **Architecture**: Microservices
- **Technologies** :Spring Boot (microservices), Angular 18, Docker, Kubernetes, Terraform, Ansible, SonarQube, Jenkins, déploiement sur Azure

Modular Agriculture System

2025

Designed and developed a modular system providing:

- Automated irrigation control & soil moisture monitoring via IoT sensors
- Personalized weather recommendations & user notifications based on crop type and soil conditions
- Field geolocation & an integrated online store
- **Architecture** : Microservices
- **Technologies** : ASP .NET Core (.NET 8), Symfony 7, Spring Boot, Arduino Uno/ESP8266, Angular 18, Docker, Kubernetes, Terraform, Jenkins, Azure Kubernetes Service, Prometheus, Grafana, SQL Server, MySQL, Redis

Morocco Travel Assistant

2025

Developed a travel planning application providing:

- Morocco trip planning & curated activity recommendations
- Tailored accommodation suggestions & itinerary management
- **Technologies** : Jakarta EE, HTML, CSS, Bootstrap, JavaScript, MySQL