



# EL ADNANI EL MEHDI

Computer Engineering Student  
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🌐 Mehdi  
📄 EL ADNANI EL MEHDI  
🌐 Portfolio

## Education

• **National School of Applied Sciences, Tangier**  
2nd Year Engineering Student – Computer Engineering

2025  
Tangier, Morocco

• **LABEL EXCELLENCE High School**  
Baccalaureate, Mathematical Sciences, Grade: Good

June 2021  
Meknès, Morocco

## Professional Experience & Projects

### • Technology Exploration Internship at Devoteam

- Studied fundamental machine learning concepts and algorithms (greedy, Q-learning).
- Analyzed and understood the functioning of Large Language Models (LLMs).
- Practical exploration of n8n and CrewAI automation frameworks for AI agent implementation.
- Developed intelligent agent prototypes and acquired skills in collaborative agent orchestration.

### • Observation Internship at TE Connectivity

- Observed departments and production chains.
- Analyzed manufacturing processes and working methods.
- Collaborated with teams to understand organization and production management.
- Acquired skills in production management and performance monitoring tools for manufacturing processes.

### • Development and Application Projects

- **Order Management Platform:** Developed an online platform with PHP backend, resolved anomalies and proposed solutions.
- **AI-powered Tourism Application:** Created a tourism route management application with **FastAPI**, optimized performance and managed server-client flows.
- **School Management Application:** Developed a school management application with **Java** and **JavaFX** following MVC approach and created an interactive dashboard.

## Technical Skills

- **Programming Languages:** Python, R, SQL, PHP, C/C++, JavaScript, Java, C#.
- **Frameworks:** Laravel, ASP.NET, Spring Boot, FastAPI, n8n, CrewAI.
- **Databases:** MySQL, PostgreSQL, Oracle, SQL Server, MongoDB.
- **DevOps Tools:** Docker, Docker Compose, Jenkins.
- **Methodologies:** Scrum, Agile Methods.
- **Soft Skills:** Leadership, teamwork, communication, problem-solving.

## Extracurricular Activities

• **Enactus Member, Entrepreneurship, Tangier**

2021-2025

• **Computer Science Club Member, Tangier**

2021-2025

## Languages

- **French:** Excellent
- **English:** Good
- **Arabic:** Native Language
- **Spanish:** Beginner Level

## Interests

- **Software Development and Programming:** Passionate about creating applications and solving complex problems through code.
- **Hackathons and Programming Competitions:** Participating in events to apply technical skills and work in teams under pressure.
- **Emerging Technologies (AI, IoT, etc.):** Interest in the latest innovations in computer science and their impact on the future.
- **Open Source Projects:** Contributing to projects to develop technical skills and collaborate with developers.
- **Networks and Cybersecurity:** Interest in system protection and understanding cybersecurity challenges.
- **Freelance Projects:** Completing freelance projects in web application development, implementing skills in design, development, and deployment.