

# NADA EL ANNASI

Software Engineering Student - ENSIAS

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Rabat, Morocco

Nada El Annasi



## OBJECTIVE

Passionate about software engineering, seeking to leverage skills in web development and AI to tackle innovative projects.

## PROFESSIONAL EXPERIENCE

### Software Engineering Intern

#### Data Research Lab

August 2024 – September 2024 • Tangier, Morocco

#### Management Assistance Solution for Insurance Companies in the Netherlands

- Transformed the desktop application BNA Manager into an interactive web application for insurance administrators.
- Worked closely with the Salesforce team to understand their challenges, enhancing my knowledge of Salesforce concepts.

**Tools:** C#, ASP.NET, Angular, Microsoft Visual Studio, SSMS, Azure

**Concepts:** Cloud, DevOps

## PROJECTS

### Hive – Microservices Architecture for Project Management

March 2025 – May 2025

Implemented a microservices architecture for project management.

**Tools:** Spring Boot, Docker, Angular, Java, Spring Cloud, Spring Security

### MyEcolo – Food Waste Management

January 2023 – June 2024

Designed and developed an application for managing food waste.

**Tools:** PHP, Laravel, MySQL, Git, GitHub

### GenCare – Mental Health Support Web Application

February 16, 18, 2024

Hackathon Club AI ENSIAS

Developed a mental health support web application in Darija.

**Tools:** Python, web scraping (Selenium), Flask

### AsteroidWatch – Asteroid Monitoring

March 2025 – May 2025

Real-time monitoring and detection of asteroids with early warning, coordination, risk analysis, prediction, and trajectory tracking.

**Tools:** RAG Chatbot, Gemini, Spring Boot, Java, ReactJS, MySQL, Docker

### Used Cars Price Prediction and Valuation

April 2025 – May 2025

Developed a predictive model to estimate used car prices based on various features using linear regression and the Lasso algorithm.

**Tools:** Python, Pandas, Scikit-Learn, Matplotlib, Jupyter Notebook

**Tools:** Oracle Apex, Oracle Database, PL-SQL

## EDUCATION

### Second Year Software Engineering Student

#### Higher National School for Computer Science and Systems Analysis – ENSIAS

September 2023 – June 2026 • Rabat

### Preparatory Classes for Grandes Écoles - CPGE (PSI Track)

#### Mohamed VI High School of Excellence LM6E (formerly LYDEX)

September 2021 – June 2023 • Benguerir

## SKILLS

**Programming:** JAVA Kotlin Python C

C# PHP SQL PL-SQL T-SQL

**Web Development:** HTML CSS JS

Flask ReactJS Angular Spring Boot

Laravel

**DBMS:** Oracle MySQL PostgreSQL

**Cloud:** Azure OCI

**DevOps:** Linux Docker Kubernetes

**Other Tools:** Git GitHub Figma

## CERTIFICATIONS

- IBM AI Analyst Certificate: Explorer

## LANGUAGES

English (Advanced), French (Advanced), Arabic, Tamazight (Native)

## SOFT SKILLS

### Co-founder of JUNIOR ENTREPRISE ENSIAS

July 2024 – Present • Rabat

### Ambassador of the European Union “Erasmus+” Program in Morocco

March 2024 – Present • Rabat

### International Taekwondo Champion and Coach

6 years • ELITE Taekwondo Club, Tangier

### Alumna of the SUSI for Women Leaders on Public Policy Program

June, July 2024 • University of Kansas, USA