OUBEN SAID YOUSSEF

Software and Distributed IT Systems Engineering - PFA starting from June 2025.

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Software Engineering and Distributed Systems student at ENSET Mohammedia. With a strong technical foundation and a continuous drive to learn, I am seeking an opportunity for an End of Studies Project (PFA) where I can apply my skills in software development, distributed systems, and large-scale architecture design. My goal is to contribute to an innovative project while enhancing my professional expertise in a dynamic and challenging environment.

EXPERIENCE

Full Stack Developer Java | VINCI Energies in Morocco

Internship 2024 (2-months)

Developed a Java-based application to optimize project management and cost estimation, using JavaFX for the UI and Spring Data JPA for database integration. The system streamlines project data management and cost calculation, with scalability for future AI-powered analytics. This project improved workflow efficiency and provided a foundation for data-driven decision-making in construction management. Enhanced my full-stack development and database management skills, while sparking my interest in AI's role in improving construction processes.

EDUCATION

Software Engineering and Distributed Systems- ENSET Mohammedia | June 2026

DEUST - Mathematics, Computer Science, and Physics - Faculty of Science and Technology of Errachidia | June 2023

SKILLS

- **Programming:C/C++,** Java, python, JavaScript, Version Control (Git).
- **Databases:** MySQL, PostgreSQL, MongoDB, Redis, Firebase, SQLite.
- **Web Development**: Spring Boot, Spring AI, Expressjs, React JS.
- **Architectures:** Monolithic, Microservices.

PROJECTS

Development of a game using C++ (Tetris)

- I developed an intermediate-level game called 'Tetrice' using C++. In this game, I implemented the concept of classes and used the SFML library.

Analyzing the Complexity of Various Algorithms in C

- Performance analysis of various sorting algorithms such as heap sort, bubble sort, etc., using C and GNU to measure sorting times and create comparative graphs.

Machine Learning Project

- Development of a machine learning project in Python to evaluate the quality of tomatoes using image classification. Used Google Colab for model training and deployment. Users can upload images of tomatoes and receive quality predictions such as 'Fresh,' 'Defective,' 'Ripe,' or 'Immature.' This tool helps farmers, sellers, and consumers efficiently assess tomato quality

CERTIFICATES

- **English for IT 1 Issued by Cisco**
- **Networking Essentials Issued by Cisco**
- **Full Stack App using React and Express | Coursera**

LANGUAGES

- **Amazigh :** Native
- **Arabic :** Native
- **French :** Intermediate
- **English :** Fluent