

# SOUFIANE ZEKAOU

2<sup>nd</sup> Year Engineering Student — Information Systems Management & Governance | Web Development

Seeking End-of-Year Internship (Software Dev. / Information Systems) — Min. 2 months, from June 1<sup>st</sup>

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## PROFESSIONAL EXPERIENCE

### Internship — Front-End & Information Systems

EHC Groupe (Experts Human Capital) | Meknes, Morocco | Hybrid Jul. – Oct. 2025

- Front-End development (React, TypeScript, TailwindCSS): public pages, candidate portal, recruiter/admin resume database with analytics
- Converted Figma mockups into responsive, pixel-perfect web interfaces
- Contributed to conceptual data modeling (ERD) using Lucidchart
- Agile project management (Jira, sprints) and GitHub versioning (branches, pull requests, merge)

### Head Librarian — Rofof Library

Rofof Library | ENSA Khouribga

Since 2024

- Space management, team coordination, and support for school members

### Member — Sponsorship Cell, CODEX ENSAKH Club

CODEX ENSAKH | Khouribga

Oct. 2025 – Present

- Partner/sponsor coordination, logistics for tech events (TECHNOBRIDGE Forum)

## PROJECTS

### Syndico App – Academic

🔧 Spring Boot 3, Spring MVC, Spring Security, Spring Data JPA, Thymeleaf, MySQL 8, Bootstrap 5, Maven

Full web application for condominium management (residents, payments, administration). Monolithic architecture, integrated chatbot, multilingual support. Team project with 3 full-stack developers.

### MedVision Pro – Personal

🔧 Flask, Pandas, NumPy, Scikit-learn (Random Forest, 85% accuracy), Matplotlib, Seaborn, Chart.js

Medical analytics dashboard analyzing 70,000 patient records: health pattern visualization, cardiovascular disease risk prediction, and evidence-based recommendations.

### Demographic Data Analyzer – Personal

🔧 Flask, Pandas, NumPy, Chart.js 4.4, CSS3 Glassmorphism, Font Awesome 6, Google Fonts

Interactive dashboard analyzing 1994 US Census data: race distribution, income/education, correlations. CSV upload, real-time filters, data export, Dark/Light theme toggle.

### Weather Application – Academic

🔧 Java 17, Jakarta Servlets 6.0, Apache Tomcat 10.1, OpenWeatherMap API, Chart.js, Maven

Responsive weather app: real-time conditions and 5-day forecast (temperature, humidity, wind, UV). Trend charts, robust error handling, fully responsive design.

### Data Science & Database Projects – Personal

🔧 Python, Pandas, NumPy, Matplotlib, Seaborn, Bash, PostgreSQL  
time-series-visualizer, sea-level-predictor, mean-var-std-calculator + 5 Relational Database & Bash scripting projects (freeCodeCamp certifications).

## EDUCATION

### ENSA Khouribga

Engineering Cycle —

Management & Governance of Information Systems (MGSI)

Since 2024

### FST Errachidia

University Diploma (DEUST)

Mathematics, Computer Science, Physics

2022 – 2024

### Lycee Princesse Lalla Salma

Baccalaureate — Mathematics

Rissani, 2021 – 2022

## TECHNICAL SKILLS

### Languages

Python, Java, C, SQL, NoSQL, JavaScript, PHP

### Web

HTML5, CSS3, Bootstrap

### Frameworks

React.js, Redux, Tailwind CSS, Flask, Spring Boot  
Spring MVC, Spring JPA, Hibernate  
Spring Security, Thymeleaf

### Databases

MySQL, SQLite, PostgreSQL, MongoDB

### Tools & Methods

Git, GitHub, Jira (Agile/Scrum), Figma, VS Code  
IntelliJ IDEA, UML, Lucidchart, Maven

### Data & ML

Pandas, NumPy, Matplotlib, Seaborn, TensorFlow  
Scikit-learn, SPSS

## MANAGEMENT SKILLS

- Entrepreneurship & Business Management
- Corporate Strategy
- Financial Markets & Management
- IT Project Management
- Agile Project Management (Scrum/Jira)
- Leadership & Team Coordination

## CERTIFICATIONS

### 🌟 freeCodeCamp

- Responsive Web Design
- Data Analysis with Python
- Relational Databases
- JavaScript Algorithms & DS
- Front-End Development Libraries

### 🎓 Coursera (IBM)

- Python for Data Science, AI & Dev
- Getting Started with Git & GitHub

## LANGUAGES

- Arabic — Native
- French — Intermediate (B1)
- English — Intermediate (B1)

## SOFT SKILLS

- Analytical mindset & curiosity
- Autonomy & fast learner
- Teamwork & collaboration
- Creativity & attention to detail