



# KHALIL AIT NOUISSE

Software Engineering Student — Meknès, Morocco

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## Education

- **National School of Arts and Crafts, Meknès (ENSAM Meknès)** 2024 – 2027  
Engineering Degree in Software Engineering and Intelligent Systems  
- Member of **Enactus**, **GadzIT**, and the **ENSAM basketball team**.
- **Faculty of Sciences and Techniques, Mohammedia (FSTM)** 2022 – 2024  
DEUST in Mathematics and Computer Science (Honors)  
- Member of **AIRob FSTM**: Python programming and applications in robotics.

## Projects

### GreenMedina — (HTML, CSS, JavaScript, MySQL, Map API, PHP)

- Developed a sustainable tourism web platform to guide visitors through Moroccan medinas.
- Integrated a real-time interactive map using APIs for navigation.
- Generated personalized routes based on user preferences.
- Coordinated a team of 4 members, ensuring efficient collaboration and organization.

### ENSAM Meknès Club Manager — (Java, JavaFX, MySQL)

- Designed a desktop application to manage student clubs at ENSAM Meknès.
- Implemented modules for authentication, member management, and event planning.
- Applied OOP principles for modularity, maintainability, and reusability.

### Fitness and Nutrition Tracking App — (Flutter, Bloc, SQLite, Health/Nutrition APIs)

- Developed a full mobile app for tracking physical activity, nutrition, and health goals.
- Integrated health data APIs (Google Fit, USDA) and local storage via SQLite.
- Designed custom user interfaces for profiles, workouts, and stats.

## Experience

- **Project Leader - Enactus ENSAM Meknès** 2024 – Present
  - Leading a student team developing sustainable tech-based solutions.
  - Developing a project to promote eco-tourism via a web platform.
  - Organizing workshops on business innovation and digital transformation.
- **Member and Software Project Manager - IT Club: GadzIT** 2024 – Present
  - Co-organized an "Escape Code" event at ENSAM.
  - Led workshops in C, Java, and Python for students.

## Skills

### Software Development:

Java (JavaFX), Python, C, JavaScript, MySQL, SQLite, Oracle database, Bash, data structures, compilation.

### Web & Mobile Development:

HTML, CSS, Sass, JavaScript, React.js, Node.js, Express.js, Flutter, REST API design.

### Data Science & AI:

Machine Learning, data analysis (NumPy, Pandas, Mat-

plotlib...), Data mining (RapidMiner), statistical modeling.

### Systems & Networks:

Linux (Shell/Bash), CISCO Packet Tracer, network administration, Unix scripting.

### Tools and Platforms:

Git/GitHub, Matlab, Excel-VBA, Word, PowerPoint, Photo-shop, Illustrator.

## Languages

English: C1    French: B2    Arabic: Native