

# FERAS AFI

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## OBJECTIVE

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Fourth-year AI Data Science student at EPI Digital School, combining machine learning, deep learning, and NLP with creative web development. As a freelancer, I build interactive, animated websites, blending creativity with data-driven thinking. Seeking an internship to apply AI expertise to real-world projects.

## EDUCATION

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**Bachelor of Computer Engineering**, EPI Digital School 2025 - Expected 2027

*Relevant coursework:* ML, Deep Learning, NLP, AI Fundamentals, Cloud Computing, Full-Stack Development

**Bachelor of Computer Engineering**, Polytek Sousse 2024 - 2025

*Relevant coursework:* Advanced Algorithms, Software Architecture, Database Systems, Computer Networks, Web development

**Preparatory Engineering Studies**, Gafsa Preparatory Engineering Institute 2021 - 2023

*Relevant coursework:* Mathematics, Physics, Engineering Fundamentals, Computer Science, Electronics

## SKILLS

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<b>Programming Languages</b>	Python, Java, JavaScript, C, noSQL, PL/SQL, HTML, CSS
<b>Frameworks/Libraries</b>	Scikit-learn, TensorFlow, PyTorch, Keras, Pandas, NumPy, React, FAST API
<b>Tools</b>	Git, GitHub, Supabase, Jupyter, Agile Methodologies
<b>Soft Skills</b>	Communication, Collaboration, Problem Solving, Adaptability, Time Management
<b>Languages</b>	Arabic (Native), English (Fluent), French (Proficient)

## PROJECTS

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### Hazardous Asteroid Classification:

- Built a binary ML model to classify asteroids as hazardous or not, achieving 98% accuracy.
- Tested multiple algorithms on NASA and Minor Planet Center data.
- Deployed an interactive web app using Streamlit for predictions and visualizations.

### Physical Activity Segmentation:

- Performed unsupervised clustering on PAMAP2 wearable sensor data to identify activity patterns.
- Applied K-Means, Hierarchical, and DBSCAN algorithms for segmentation and profiling.
- Built visualizations to interpret multi-sensor data and insights for activity recognition.

### Full-Stack Donation App:

- Built a cross-platform donation app using React Native and Supabase.
- Enabling user authentication, real-time data management, and seamless donor interactions.
- Focused on creating an intuitive UI and scalable backend architecture.

## CERTIFICATION

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**AI-900: Microsoft Azure AI Fundamentals**

2025 - May

## EXTRA-CURRICULAR ACTIVITIES

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**Sports:** Taekwondo (Black Belt), Calisthenics, Weightlifting

**Creative:** Freelance Video Editing, Gaming, Personal Projects