

Rawan Fouani

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PROFILE

Computer and Telecommunications Engineering student at the Lebanese University with a strong interest in AI and Machine Learning. Brings a solid foundation in networking, hardware, and programming, with hands-on experience in Python for data science, prompt engineering, and technical instruction. Combines internship experience in telecommunications and robotics with the ability to explain complex concepts clearly and apply them in practical settings. Ready to contribute to ML and AI teams through strong technical fundamentals, curiosity, and applied training.

WORK EXPERIENCE

ElectrosLab Company

Robotics Trainer 7/2025-2/2026

- Led technical robotics training and developed STEM curricula for educators across 4 regional schools in Lebanon.
- Conducted market research and vendor evaluations to optimize the procurement of cost-effective microcontrollers and electronic kits.
- Mastered hardware diagnostics and component selection based on strict technical specifications and efficiency.

OGERO

Telecommunications & Data Services Intern 8/2025-9/2025

- Analyzed core Data and Fiber Services (FTTx), exploring broadband technologies, Wi-Fi networks, VoIP (SIP/IAX protocols), and fiber optic topologies (FTTH/FTTO).
- Engaged with emerging technology frameworks, studying Internet of Things (IoT) network architectures, Artificial Intelligence fundamentals, and Cybersecurity.
- Conducted OSP site visits to evaluate network infrastructure, detailing schematic mapping, earthing practices, and physical cable installations (MDF).

EDUCATION

Lebanese University-Hadath

Bachelor of Science in Statistics 2024-present

Bachelor of Engineering in Computer and Communications Engineering 2022-present

TECHNICAL SKILLS

- Programming Languages: Python, C, C#.
- Tools: Matlab, Git, Github, Proteus, LabView, Autocad.
- AI : Machine Learning, Prompt Engineering.
- Language : -Arabic (native)
-English (Fluent)

SOFT SKILLS

- Creative Problem Solving
- Strong Communication
- Teamwork

CERTIFICATIONS AND TRAININGS

- Python for Data Science, AI, and Development -IBM
- Prompt Engineering -IBM
- Generative AI -IBM
- Data Analysis-Salem Group
- Employability and Soft Skills-Nawaya Network
- Elements of Artificial Intelligence-Eflow
- AI Bootcamp-Zaka & Hariri Foundation

PROJECTS

- Classification of Image in era of DeepLearning
- Real-Time Web Backend
- Project Management Assistant (AI Agent)
- TCP/IP Application
- Smart Head-Controlled WheelChair
- Car Renting System
- Banking System