

Hoda Tarhini

Computer Engineering Student

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EDUCATION

- Graduated 12/2025 **Bachelor of Engineering**, Beirut Arab University – Beirut, Lebanon
- Bachelor of Engineering in Computer Engineering
- Graduated 08/2022 **Lebanese Baccalaureate** Al-Rahmah High School – Nabatiyeh, Lebanon
- Lebanese Baccalaureate in General Science (Math and Physics concentration)
 - Graduated with High Distinction (16.4/20)

EXPERIENCE

- 07/2024 – 08/2024 **Web Development Intern**, Orange Group – Paris, France (Remote)
- Contributed to the development of an **interactive web platform** inspired by the *Submarine Cable Map*, which aims to make submarine cable data more user-friendly and accessible
 - Read and imported datasets from *Submarine Cable Map* to reproduce the map
 - Connected the datasets (including landing stations, owners, and suppliers) to the backend database

PROJECTS

- 03/2023 **Meshwar Project**, Innovative Web Development
- Developed a website to empower Lebanon’s tourism business
 - Implemented important functionalities such as search, review, book, and comment
- 11/2024 **VR Recognition System**, AI-embedded System
- Developed a VR gesture recognition system using Unity/C# for a VR app
 - Integrated Arduino for gesture detection (sign language) via USB bypassing the need for complex machine learning.
- 03/2024 **Wi-Fi Monitoring System**, Network Analytics
- Developed a real-time Wi-Fi monitoring system for signal strength, traffic analysis, and network performance optimization.
- 12/2025 **FPGA-Based SmartNIC for DDoS Detection [Senior Project]**
- Designed FPGA logic for traffic filtering and DDoS mitigation.

SKILLS

- **Programming Language:** C++, C, Python, Java, JavaScript, HTML
- **Software:** Arduino, GitHub
- **Technical Skills:** Front-end web development, hardware-software integration, database management, Networking (CCNA level).
- **Soft Skills:** Analytical thinking, problem-solving,
- **Languages:** Arabic (Native), English (Fluent), Turkish (Basic)