FATIMA FARHAT
Computer & Telecommunication Engineer Student

Phone: +961-78 907 740 | **Email:** fatima2002farhat2002@gmail.com | **Address**: Beirut, Lebanon | LinkedIn

Motivated and adaptable Computer and Telecommunication Engineering student with strong foundations in network infrastructure, cybersecurity principles, and software development. Practical experience gained through internships in telecom (OGERO) and electrical systems (MEAS), with hands-on exposure to fiber and copper network technologies, FTTx architectures, and electrical troubleshooting in aviation systems. Equipped with certifications in CCNA, OS Fundamentals, and AI, along with a solid academic background in cryptography, distributed systems, cloud computing, and programming (C/C++, Python, Java). Known for excellent communication, problem-solving, and collaboration skills. Seeking an opportunity to contribute to innovative and secure technology solutions in a dynamic engineering environment.

WORK EXPERIENCE

Telecom Intern| OGERO, Beirut – Lebanon (September 2023 - November 2023)

- Acquired expertise in telecommunications exchange design, focusing on the strategic planning and optimization of communication networks to ensure efficient and reliable operations.
- Developed a comprehensive understanding of telecom services delivered via copper cables, encompassing the deployment, maintenance, and troubleshooting of copper-based communication infrastructure.
- Attained in-depth knowledge of telecom services facilitated by fiber optic cables, including the configuration, management, and enhancement of high-speed and reliable communication systems.
- Specialized in the planning and implementation of Fiber-to-the-X (FTTx) networks, covering various architectures such as Fiber-to-the-Home (FTTH) and Fiber-to-the-Premises (FTTP), to deliver advanced broadband services to end-users.

Electrical Engineering Intern| MEAS, Beirut – Lebanon (August 2023- September 2023)

- Applied electrical engineering principles within the unique context of Middle East airline services.
- Contributed to the maintenance and optimization of electrical systems critical to airline operations.
- Gained hands-on experience in troubleshooting and resolving electrical issues to ensure aircraft safety and reliability.
- Collaborated with engineering teams to implement improvements in electrical systems, enhancing overall efficiency and performance.
- Assisted in the inspection and testing of avionics and electrical components, adhering to stringent aviation standards.
- Participated in the development of preventive maintenance plans for electrical systems, ensuring compliance with regulatory requirements.

EDUCATION

Lebanese University, Faculty of Engineering Branch of Hadath

- Bachelor's degree of Science in Computer and Telecommunication Engineer: 2025   80/100

    Relevant course: Computing and Telecommunication: Cryptography and Security, Cloud and Big data, Java, Linux, Project management, Operational research, Data analysis, OOP, Pic18F microcontroller-microprocessors, Database, Computer network, Concurrent and distributed programming, Operating system, Entrepreneurship-Seminars .

CERTIFICATION

- **Semicolon Academy |** CTF (on going)
- **CyberCommunity |** Web App Pentesting (2025)
- **CyberCommunity |** OS Fundemantals (2024)
- **DOT |** AI (2024)
- **CCNA |** Introduction of Networks (2023)
- **CCNA |** Switching, Routing, and Wireless Essentials (2023)

ADDITIONAL INFORMATION

Skills:

- C - C++ - Python - OOP- Linux - Machine learning -SQL- Java-Cloud-Cryptography-Docker-Terraform-HTML-CSS-GitHub
- Autocad - Matlab - Microsoft Office (Word, Excel, Outlook and Power Point)
- High Communication Skills - Leadership - Teamwork - Time Management - Project Management
- Collaboration - Adaptability - Problem-solving - Critical Thinking – Decision Making

Languages:

- English: Fluent   French: Good   Arabic: Native