

Hussein Bahri

Computer and Communications Student

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Objective

Motivated Computer and Communications Engineering Senior student with knowledge in telecommunications, networking, industrial automation, and programming. Experienced in PLC ladder logic, HMI design, VFD setup, networking concepts, and academic programming projects. Eager to learn new technologies, improve my technical skills, and contribute to practical engineering and automation projects.

Technical Skills

- Programming: Python, C++, Java, Arduino IDE.
- Industrial Automation: PLC fundamentals, ladder logic, HMI design, VFD setup, sensors.
- Networking & IT: VLANs, VLSM, WAN links, software installation, hardware troubleshooting.
- Electronics: Basic PCB design and prototyping.

Work Experience

Technical Support Intern 160 Hours

RAYMOND FEGHALI CO. – Roumieh, Lebanon

9/25-10/25

- Built and tested PLC ladder logic programs, including a traffic-light control system.
- Designed HMI screens and supported PLC-HMI integration for operator control.
- Configured and tested VFD control for a three-phase motor.
- Worked with industrial sensors and performed basic troubleshooting and testing.

Job Shadowing

May 2023

AYOUB COMPUTERS

- Observed IT support workflow and customer service processes.
- Assisted with PC hardware handling and basic software installation.

Projects

(University Projects)

- Smart Auto Parking System: Built using PLC and HMI with encoder-based logic and control. 01/2026
- Library Management System: Developed in Java using object-oriented programming with a Swing-based GUI. 07/2025
- Shipping Company Network Design: Planned VLANs, VLSM, and WAN connectivity for a company network. 05/2024
- Hands-on prototyping using Arduino and C++ for embedded and control-focused academic work. 05/2024

Education

AUST - American University of Science and Technology (Achrafieh)

2022 -Present

Bachelor of Science in Computer and Communications Engineering

Relevant Areas: Telecommunications, networking, microcontrollers, PCB design, and programming.

Expected Graduation

June 2026

Certifications

- CCNA: Introduction to Networks - Cisco Networking Academy.
- CCNA: Switching, Routing, and Wireless Essentials - Cisco Networking Academy.
- Industrial Automation (PLC/HMI/VFD), 160 hours - Raymond Feghali Co.

Languages: English Arabic