

AbedulRahman Malak

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EDUCATION

Bachelor of Engineering in Computer and Communications Engineering

09/2021 – 12/2026 | Meshref, LB

Rafik Hariri University

- Relevant Coursework: Introduction to Programming, Advanced Programming, Web Programming, Database Management System, Software Engineering, Computer Networks, React, Mobile Application Development, AI, ML.
- GPA: 3.0 /4.0

EXPERIENCE

Networking & CCNA Training

Cisco Networking Academy

- Earned 3 Cisco Networking Academy certifications covering networking fundamentals, switching, routing, IP services, and network troubleshooting.
- Configured enterprise network topologies, subnetting, DHCP, and routing through extensive hands-on labs.

Front-End & Back-End Developer Intern (Remote)

02/2026 – 04/2026 | Houston, Texas

Techryt | BPO & Call Center Services

- Contributing to front-end and back-end development tasks in a remote professional environment.
- Supporting the development and improvement of web-based systems using modern web technologies.

PROJECTS

Computer Networks & Networking Labs I–IV

Enterprise Network Design & Administration

Designed, configured, and troubleshot enterprise-scale networks using routing, switching, DHCP, and subnetting.

Communication Systems

Communication System Analysis

Analyzed analog and digital communication systems, modulation techniques, and signal transmission performance.

Digital Communications

Digital Modulation & Multiplexing

Evaluated PCM, multiplexing, and digital communication techniques through simulations and performance analysis.

Wireless Communications

Wireless Network Performance Analysis

Studied wireless communication principles, propagation effects, and system performance.

Mobile Communications

Cellular Network Architecture

Analyzed cellular communication systems, mobility management, and handoff mechanisms.

Antennas & Propagation

Antenna & Propagation Analysis

Evaluated antenna characteristics, radiation patterns, and wireless propagation models.

Signal Processing

Digital Signal Processing Application

Applied filtering and signal analysis techniques for communication signal processing.

TECHNICAL SKILLS

Languages: C++, HTML, CSS, JavaScript, TypeScript, Python, SQL, Kotlin

Tools: Git, VSC, VS, jQuery, Supabase, Firebase, Cisco Packet Tracer, Burp Suite, Kali Linux, Unity, Android Studio