

Tijan Moghnieh

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OBJECTIVE

A dedicated Computer and Communication Engineering student at the American University of Beirut with a solid foundation in coding, digital communication, and networking seeking an internship. I possess a keen interest in business studies and analysis, and I am always open to expanding my knowledge and skills in various areas. I excel in collaborative environments, thrive in group projects, and have a talent for explaining complex concepts clearly to peers.

EDUCATION

From 08/22 - Present	American University of Beirut Bachelor of Engineering, in Computer and Communications Engineering Expected Date of Graduation: May 2026 Courses Taken: Data structures and algorithms, Introduction to computation and programming, Computer Organization, Computer Networks, Discrete Structures, Cryptography and Network Security, RF Transceiver Design, Communication Systems	Beirut, Lebanon
From 09/12 to 06/22	Greenfield College Lebanese Baccalaureate: Life Science Mention Tres Bien	Beirut, Lebanon

PROJECTS ACCOMPLISHED

- Networking Project: Chatting Application
- Computer System Architectures Project: Matrix QR Decomposition
- Cryptography and Network Security Project: Implemented a GUI on Number Theory and Classical Cipher Techniques
- RF Transceiver Design Project: RF Signal Classification for Anti-Drone Detection: A Comprehensive Study
- Communication Systems Project: Comprehensive Communication System Simulation: Signal Processing and Performance Analysis
- Technical English Research Paper: Feasibility Study on the Implementation of a Pest Detection Solution in Akkar through AI image recognition and Remote Sensing

SUMMARY SKILLS

COMPUTER

SKILLS: C++, Python, TCP/IP, Wireshark, SQLite, RISC-V, Verilog, MS Word, Excel, PowerPoint, Matlab

LANGUAGES: Fluent in English and Arabic

SOFT SKILLS: Leadership, Communication, Team building, Organizational, Management, Public Speaking, Problem Solving, Collaboration, Report Preparation, Hard worker and fast learner, Great ability to work under pressure, Excellent skills at time management and Organization **RESEARCH SKILLS:** AUB Libraries

TECHNICAL SKILLS: Surveying, Procurement

INTERESTS AND HOBBIES

- Artificial Intelligence (AI)
- Networking
- Continuing education with aspirations to pursue a Master's degree and PhD
- Passionate about mathematics and its applications in engineering and technology
- Traveling and discovering new countries and new experiences and taste different types of food.