

Abdul Kader EL HAKIM

☎ +961 76 609 860 - 📍 Mar Elias St., Beirut, Lebanon - ✉ abdulkaderelhakim@gmail.com
🌐 [linkedin.com/in/abdul-kader-el-hakim](https://www.linkedin.com/in/abdul-kader-el-hakim) - 🐙 github.com/abdulkaderlehakim - 🌐 [abedhakim.com](https://www.abedhakim.com)

Summary

Dean's Honor List Electrical and Computer Engineering UG student, passionate about applying engineering thinking to complex problems across financial technology, engineering and strategy consulting, power and control systems, and digital hardware. Hands-on academic and project experience spanning Verilog-based digital design, circuit simulation, processor architecture, API integration, system testing and validation, and laboratory instrumentation. Seeking a final-year internship to apply analytical problem-solving, engineering fundamentals, clear technical communication, and collaborative project-delivery skills to high-impact technical work within a professional team.

Education

American University of Beirut

Bachelor of Engineering in Electrical and Computer Engineering

CGPA: 3.27/4.3 | Dean's Honor List: Spring 2025-2026 (E2) — Semester GPA: 4.05/4.3

Beirut, Lebanon

Aug 2024 - Jun 2028

Lycée Abdel Kader

French General Baccalaureate

Beirut, Lebanon

Sep 2011 - Jul 2024

Relevant Coursework: Control Systems & Laboratory; Building Management Systems; Signals and Systems; Electronic Circuits; Digital Systems Design; Electric Machines and Power Fund.; Computer Organization & Laboratory

Additional Completed Coursework: Data Structures and Algorithms (C++); Intro to Comp. and Program. (Python); Numerical Computing (MATLAB); Computer Networks; Analog Signal Processing

Technical Skills

Programming & Tools: C++, Python, MATLAB, SQL/SQLite, Cisco Packet Tracer, Wireshark, Tableau

Software & Testing: GitHub, API Integration, Frontend Validation, Automated Tests, Production-Build Verification

Digital Design, HDL & Low-Level: Verilog, Vivado, Nexys A7 FPGA — RISC-V Assembly, FreedomStudio, SparkFun RED-V

Circuits & Simulation: LTspice, PSpice, Electric/Electronic Circuit Analysis

Experience

Academic Projects

Skill+ — Amazon Mentorship Program 5.0 - Business Intelligence Track

Jun 2026 - Aug 2026

- Built the complete frontend for an AI-powered website that analyzes student profiles and recommends opportunities using fit scores, missing-skill insights, and personalized development roadmaps.
- Implemented signup/login, profile, analysis, results, and forgot-password flows; integrated APIs, validation, loading/error states, automated tests, production-build verification, and documentation.

Python Arena — Computer Networks

Spring 2026

- Developed real-time multiplayer connection, unique-user validation, controls, chat, configurable matches, visual effects, and a BFS-based solo bot.
- Applied TCP sockets and threading in a client-server architecture with spectator support; repository: github.com/MZG15/Python-Arena.

Dynamic Dual-Issue RISC-V Processor — Computer Organization

Spring 2026

- Collaborated on a five-stage dual-issue processor that issues independent instructions in parallel with dynamic fallback for dependent instructions.
- Integrated dependency detection, forwarding, load-use stalls, branch flushing, and simulation checks for registers and memory.

Digital Safe Lock Controller — Digital Systems Design

Fall 2026

- Collaborated on modular Verilog logic for keypad encoding, scrambled passcode storage/comparison, seven-segment display control, timing, and a Moore finite-state machine.
- Developed reusable modules and self-checking testbenches to validate encoder, display, and lock-state behavior.

Programs & Activities

- Amazon Women in Engineering / IEEE AUB / MSFEA:** 3-Day Industry Program 5.0 Bootcamp, May 2026
- Amazon Mentorship Program 5.0:** Business Intelligence Track, Jun 2026 - Aug 2026
- Clubs & Societies:** IEEE and Engineering Student Society (ESS), AUB

Languages

- Arabic: Native — English: Fluent — French: Fluent

General Skills

- Motivated - Fast Learner - Independent - Team Collaboration - Technical Presentations and PDF Design

Interests

- Running - Weightlifting - Walking - Driving - Casual Football/Padel