Ali Baydoun

Computer & Communications Engineer

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PROFILE

Detail-oriented Computer and Communications Engineering graduate with practical experience in secure systems, passionate about software technologies, IT, and continuous professional growth.

PROFESSIONAL EXPERIENCE

Areeba Technologies SAL   03/2025 – 06/2025 | Beirut, Lebanon
Solution Integration Intern
- Performed cryptographic key generation, import/export, and management using Thales HSM and PuTTY, handling key types such as ZMK, ZPK, LMK, and TPK.
- Simulated POS, ATM, balance inquiry, cash advance, and eCommerce transactions using Mastercard simulator, including PIN decryption and test execution.
- Queried PostgreSQL databases for transaction details, card routing paths, and key validation.
- Analyzed ISO 8583 message structures (MTI, bitmap, data elements) and mapped response codes for Visa and Mastercard.
- Monitored live transactions and traced paths using Kubernetes, MobaXterm, Way4 Replica, and telnet to financial services.

SLTT Rent a Car   07/2023 – 01/2024 | Hamra, Lebanon
Customer Service Representative
- Provided exceptional customer service to clients, addressing inquiries and resolving issues efficiently.
- Designed and posted car photos on Instagram, boosted posts to increase reach, followers and engagement.

EDUCATION

Lebanese International University   2024 – Present | Beirut, Lebanon
Master of Science in Computer and Communications Engineering

Lebanese International University   2021 – 2024 | Beirut, Lebanon
Bachelor of Science in Communications Engineering

SKILLS

Programming: Java, JavaScript, C#, C/C++, Python, PHP, HTML5/CSS

Databases: PostgreSQL, MySQL

Systems & Tools: Linux, Kubernetes (MobaXterm), PuTTY, Swagger, Thales HSM, Mastercard Simulator, Way4 Replica

Embedded Systems: Arduino, NodeMCU (ESP8266)

Mobile Development: Android Studio (Java)

Networking: Routing, Switching, Protocols

Soft Skills: Teamwork, Communication, Problem-Solving, Time Management

LANGUAGES

English — Fluent   **Arabic** — Native/Bilingual