

Ahmad Hammoud

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EDUCATION

Antonine University, Baabda, Lebanon September 2023-(Expected May 2028) Bachelor of Engineering (BE) in Computer and Communication Engineering. Specializing in Software Engineering and Networks.

General Science (GS) Grade: Very Good -2023

Projects

Recipe Management OOP Project

May 2025

- Developed a RESTful API for managing recipes using Java, Spring Boot, and MongoDB.
- Implemented full CRUD operations with input validation and error handling.
- Applied object-oriented programming principles with a modular and maintainable architecture.

Event Management System

April 2025

- Designed a complete relational database schema for event management.
- Modeled core entities including Events, Tickets, Payments, and Sponsors.
- Developed SQL queries and aggregate reports (revenue, attendance).

Data Structures Project — Banking System

2024

- Developed a banking system using singly and doubly linked lists in C++.
- Managed users, accounts, and transactions with dynamic memory allocation.
- Analyzed time complexity and optimized algorithms.

Software Design Laboratory Project

November 2025

- Designed an object-oriented system using UML (use case, class, sequence).
- Applied design patterns (Singleton, Factory, Observer).
- Focused on clean architecture and maintainable design.

Skills

- **Skills:** C++, Java, Python, SQL, PL/SQL, HTML&CSS, OOP.
- **Languages:** Arabic (native), English (fluent), and French (fluent - DELF B1 Certified).