

ALMOUTASSEM BILLAH ALAWAD

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EDUCATION

Lebanese University Hadath, Lebanon

Bachelor of Science in Computer Science

Modules: Database Engineering, OOP, Data Structures & Algorithms, Software Engineering, Networks, Cyber Security Fundamentals, Computer Architecture, Operating Systems, Machine Learning and Numerical Analysis.

INTERSHIPS/PRACTICAL EXPERIENCE

XpertBot | Introduction to Cybersecurity | 2025-2026 Lebanon (Remote)

- Gained knowledge of core cybersecurity principles, threats, and attack vectors.
- Studied common web application vulnerabilities and security best practices.
- Developed awareness of authentication, authorization, and access control mechanisms.
- Practiced analyzing security risks and implementing basic defensive measures.
- Applied Secure by Design principles to reduce security risks during system development.
- Learned the Shift-Left Security approach by integrating security considerations early in the software development lifecycle.

SKILLS & INTERESTS

- **Programming Languages:** C, Java, JavaScript, SQL, Python, & PHP
- **Software Engineering & Architecture:** Object-Oriented Programming (OOP), SOLID Principles, Clean Architecture, Design Patterns (Factory, Builder, Singleton, Proxy, Composite, Bridge, Flyweight, Adapter, Repository, Observer, MVC, MVC-Observer, Strategy & Visitor).
- **Frameworks & Tools:** React, Git, VS Code, Android Studio, MySQL, Linux.
- **Hardware & Technical Maintenance:** Computer and mobile device diagnostics, motherboard-level troubleshooting, hardware repair and maintenance, component replacement, and hands-on experience with Apple and Samsung devices.
- **Soft Skills:** Problem Solving, Critical Thinking, Time & Risk Management, Team Collaboration, Punctuality, Leadership, Adaptability, Teaching & Communication.
- **Interpersonal Skills:** Continuous Learning, Persistence and Determination, Proactive Mindset
- **Languages:** Arabic, English.

CERTIFICATIONS

- AI & Introduction to Cyber Security — XpertBot (2025–2026, Lebanon – Remote)
- AI For Social Impact — DOT Lebanon & UNICEF GIL Programme (Lebanese University – Hadath, 2025)
- Mobile & Computer Maintenance Advanced Training — GLOW (2025)
- Discovering Databases Workshop — LOYAC (2024)
- Python Programming Level 1 — GLOW (2021)
- Robotics & Arduino Level 1 — GLOW (2021)
- Digital & Media Literacy — DOT Lebanon & UNICEF (2021)

PROJECTS

Municipality Management System | Laravel 12, React

- Contributing to the development of a Municipality Management System using Laravel and React.
- Building features for citizen services, permits, billing, and municipal operations.
- Collaborating on frontend integration and API-driven user experiences.
- Supporting a secure, scalable, and modular application architecture.

Restaurant Mobile Application | Java, Android Studio, Firebase Firestore

- Developed a restaurant mobile application using Java and Android Studio.
- Built user authentication features including login and signup.
- Designed a responsive user interface using Activities, Fragments, and RecyclerViews.
- Integrated Firebase Firestore (NoSQL database) for storing and managing application data.
- Implemented customer and admin roles with different access permissions.
- Applied object-oriented programming principles and front-end/back-end integration.
- Collaborated in the full development lifecycle, from design to testing and deployment.

Awad Exchange – Currency Exchange Platform | HTML, CSS, JavaScript, Bootstrap

- Built a user interface for a currency exchange platform.
- Developed the project mainly from scratch using HTML, CSS, JavaScript, and Bootstrap.
- Created pages for exchange requests and user interactions.
- Focused on a clean design and easy user experience.
- Improved my front-end development skills through my first web project.