# **Hadi Mcheimech**

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Profile I'm a fresh Computer Science graduate with hands-on experience in mobile and desktop app

development, secure systems, and network setup. I've worked on real projects using Flutter, .NET, Java, Python, and SQL, and I enjoy solving problems and helping others learn. I'm a team player who's ready to build useful and secure software with focus and creativity.

**Education** 

Jun. 2025 Bachelor of Science in Computer Science

Lebanese International University

Certifications

Jan. 2025 CCNA 4: System and Network Administration

Jun. 2024 CCNA 2: Switching, Routing, and Wireless Essentials

Jan. 2024 CCNA 1: Introduction to Networks

Key skills and characteristics

· Cross-Platform Mobile App

Development.

· Desktop Application

Development.

· Java / Python / JavaScript

· PHP/ MySQL & Database

Management

· System and Network

Administrating.

· MS Office Suite.

· Git & Version Control.

 $\cdot$  Routers, Switches and

**End Devices** 

Configuration.

· Cisco Packet Tracer.

· REST APIs

· Object-Oriented

Programming (OOP).

· Agile problem solving.

· Communication &

collaboration.

Mentoring & Coaching.

· Conflict Resolution

· Project Management.

**Experience** 

June.2024

Data Entry & IT Support - Khome Store

- Present

- Streamlined inventory data entry, reducing errors through process improvement.
- Provided frontline technical support, troubleshooting hardware/software issues.
- Networked POS systems, integrating scanners, printers, and other peripherals.

Oct 2022

**Home Tutor** 

- Present

- Tutored Students from 8th grade to university level in Mathematics, Physics, English, Databases, Software Development and programming languages (Java, Python, C).
- Committed to student's success and continuously refined teaching methods.

### **Key Projects**

## May 2025 Secure Image Encryption & Decryption App (Flutter)

- Developed a secure Flutter app using AES-256 GCM with PBKDF2 for image encryption and decryption.
- Integrated biometric login, password protection, and self-destruct after failed attempts.
- Built reusable modules with clean state management and Android 14+ storage compliance.
- Added searchable encryption history with filters, clipboard copy, and progress tracking.

## May 2025 College Management System - .NET & SQL Server

- Developed a desktop academic management system using C# (.NET) and SQL Server.
- Handled student enrollment, attendance, grading, and scheduling with role-based access.
- Designed a normalized database with stored procedures and built a responsive GUI with real-time operations.

#### January 2025

#### **Akhbar Advanced Web News Platform**

- Developed a dynamic news platform with categorized browsing and detailed news views.
- Implemented user authentication and role-based access for users and admins.
- Built admin tools for managing users, news content, and categories with full CRUD functionality.
- Integrated AJAX for smooth data updates and used MySQL for efficient database management.

## July 2024

# **Tank Game Development**

- Built a 3D tank combat game in Unity with a player tank and Al-driven enemies in varied terrain.
- Implemented smooth controls, advanced AI (pathfinding, strategy), and immersive game physics.
- Designed a dynamic UI with health bars, ammo counters, and damage indicators for better gameplay.
- Added level progression with increasing difficulty to boost challenge and replay value.

#### July 2024

#### **E-Commerce Mobile Application**

- Developed an e-commerce app for K\_Home using Android Studio and XAMPP for backend management.
- Designed a user-friendly interface with product catalog, store locations, shopping cart, and "About Us" pages.
- Implemented secure login, user accounts, and product search from a custom database.
- Added order submission and tracking features for smooth customer-store communication and delivery.

# January 2024

## **Musicaz Web Development**

- Co-developed Musicaz, a collaborative web platform for curated music streaming and downloads.
- Implemented secure email-based login and built features for search, playback, and downloads.
- Used HTML, CSS, JavaScript, PHP, and MySQL to deliver a smooth and efficient user experience.

## Languages

Arabic: Native language English: Proficient French: Beginner