



Ahmad Zaqiq

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PROFILE

Currently, I'm focusing on enhancing my skills in desktop application programming with C# and the .NET Framework. However, my long-term goal is to expand my expertise to include web development. I aspire to become proficient as a full-stack developer capable of handling both frontend and backend development tasks.

- **Skills:** Programming: **C++, C# (Windows Forms, .NET Framework)**.
Technologies: **Git/GitHub, .NET Framework**.
Data Management: **SQL Server**

EDUCATION

Palestine Polytechnic University | Hebron, PS
BSc Computer System Engineering.

Sep 2021 – Present

PROJECTS

- **Stadium Reservation System.** [See Code on GitHub](#)
Developed a stadium reservation system using C# and Windows Forms, featuring an interface for managing team bookings and tracking play periods. The system includes functionalities for dark mode, calculating play period costs, and displaying notifications with booking details and time consumed.
- **Math Quiz.** [See Code on GitHub](#)
This C++ code implements a console-based arithmetic quiz game where the player can select the number of questions, difficulty level, and operation type. It generates random arithmetic questions based on the chosen parameters and evaluates the player's answers, providing feedback and final results at the end of the game.
- **Simple Banking System.** [See Code on GitHub](#)
This C++ program implements a simple banking system that allows users to perform various operations such as adding, deleting, updating client information, and conducting transactions like depositing and withdrawing funds. It utilizes file handling for storing client data and provides a menu-driven interface for user interaction.
- **ATM Transaction System.** [See Code on GitHub](#)
robust ATM transaction system in C++, allowing users to perform quick withdrawals, normal withdrawals, deposits, and check balances. The system includes user authentication, transaction processing, and data management functionalities.
- **Secure Object-Oriented Banking System in C++.** [See Code on GitHub](#)

1. I Developed an advanced banking system in C++, utilizing object-oriented programming principles, demonstrating proficiency in system design, file handling, and C++.
 2. The system includes classes for account management, database connectivity, and user authentication, with a continuous loop implemented for the login screen to enhance user experience.
 3. Implemented custom encryption algorithms for enhanced security, with specific algorithms used to encrypt and decrypt passwords in the database.
 4. Managed user data through efficient file handling techniques and ensured seamless database integration for reliable data storage and retrieval.
 5. Utilized the principle of inheritance practically and created libraries effectively to reduce code writing, contributing to the overall efficiency of the project.
- **Currency Exchange Manager.** [See Code on GitHub](#)
Developed a C++ project for managing currency exchange rates and conversions. Built upon the previous banking System, this system includes libraries and classes for handling currency data, updating rates, and performing conversions. Features include listing currencies, finding currencies by code or country, updating currency rates, and a currency calculator for conversions.
 - **C# .net Framework Small Practice Projects.** [See Repo on GitHub](#)
Small applied projects to develop my programming skills using C#, .NET Framework, and my ability to handle controls, with advanced solution methods.
(Ice Cream Menu, Tic-Tac-Toe Game, Contact manager, Encryption and decryption)

CERTIFICATES

- Introduction to Programming Using C++ Level 2 by Mohammed Abu-Hadhoud, Programming Advices.
- Algorithms & Problem-Solving Level 1,2,3,4,5 by Mohammed Abu-Hadhoud, Programming Advices.
- OOP as it Should Be (Concepts) and (Applications) by Mohammed Abu-Hadhoud, Programming Advices.
- Data Structures Level 1 by Mohammed Abu-Hadhoud, Programming Advices.
- programming In C# Level 1 by Mohammed Abu-Hadhoud, Programming Advices.
- Database Level 1 - SQL (Concepts and Practice) by Mohammed Abu-Hadhoud, Programming Advices.

LANGUAGES

- Arabic (pro)
- English (pro)
- Hebrew (beginner)