

## Education

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**Palestine Polytechnic University** B.S. in Computer System Eng.

Sep 2021 - June 2026 (Expected)

## Projects

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### [Stadium Reservation System.](#)

Developed a stadium reservation system using C# and Windows Forms to:

- featuring an interface for managing team bookings and tracking play periods.
- Enable cost calculation for play periods, providing transparent and accurate pricing for users.
- Implement dark mode, Display detailed notifications with booking information and time consumed, keeping users informed in real-time.

### [Secure Object-Oriented Banking System with Currency Exchanger.](#)

*Developed a console-based banking simulation in C++ to:*

- The code simulates a bank system with users, clients, currency converter, withdrawal and deposit of funds and login interfaces.
- File Storage with Simple Encryption Algorithm for Secure Data Storage and Decryption in the Database:
- The system implements object-oriented principles in a strong and advanced manner, ensuring efficient and scalable functionality throughout the projects.

## Certifications

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- **Algorithms & Problem-Solving (Levels 1-5).**
- **Object-Oriented Programming in C++ and C# (Concepts & Applications).**
- **Data Structures (Level 1).**
- **Programming in C# (Level 1).**
- **Database Level 1 - SQL (Concepts, Practice, & Projects).**
- **C# & Database Connectivity.**

All certifications by Mohammed Abu-Hadhoud, Programming Advices

## Technical Skills

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- **Programming languages:** Experienced in C++ and C#, Familiar with Java.
- **Frameworks:** .NET Framework, Windows Forms.
- **Data Management:** SQL Server, ADO.NET.
- **Tools:** Git/GitHub.
- **Good at Problem-Solving:** Solved more than 250 problems with advanced solutions.