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Dura, Hebron, Palestine

Mohammad Nayef

Computer Science Student

[LinkedIn](#)

[GitHub](#)

Education

- A **third-year Computer Science** student at Palestine Polytechnic University with honor list recognition for 2 semesters out of 4. **Sept. 2021 – Jun. 2025 (Expected)**
- **Relevant courses:** Data Structures, Algorithms, Object-Oriented Programming.

Experience

Backend Development Intern

July 2023 – Present

Foothill Technology Solutions | Palestine

- Intensive **ASP.NET** training under the guidance of senior developers.
- Finished mini projects as applications of what I have been learning, including C#, Git & GitHub, clean coding, design principles, and unit testing.
[C# project](#) | [Design principles and clean coding project](#) | [Unit testing project](#)
- My projects were continuously getting reviewed and receiving professional feedback by my mentors as if they were real projects.

Skills

- Programming languages: **C#**, familiar with **C++** and **Java**.
- Strong knowledge in Data Structures, Algorithms and Object-Oriented Programming concepts.
- Familiar with Databases and SQL.
- Git and GitHub.
- Problem Solving and Competitive Programming.
- Ability to write clean and readable codes.
- Strong written and spoken English.

Projects

- [Coffee Machine](#): Developed a Coffee Machine simulator as part of a group project in Object-Oriented Programming course, working in teams of two in Java (using JFrame's UI tools that are associated with NetBeans IDE).
- [Weather System](#): A C# console application that simulates a real-time weather monitoring and reporting service. The system receives raw weather data in different formats (JSON, XML). The system has different types of 'weather bots'. Each of which is configured to behave differently based on the weather updates it receives. In this project, I applied some design patterns including: Singleton, Observer and Strategy.

Competitions, Exercises and Volunteer Experience

- Participated in **PCPC** and **Hebron Code Jam** (2023) : National Competitive Programming contests.
- Participated in **NPalestine** (2023) : A national NP-Optimization Problem contest.
- Continuously solving programming problems using different websites. I solved over 500 problems of various topics and difficulty levels on Codeforces. [My Codeforces Profile](#)
- Served as a Competitive Programming coach for the Code Club at my university which improved my communication skills and the ability to convey complex ideas in a clear manner.