**Mohammad Nayef**

**Computer Science Student**

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Dura, Hebron, Palestine

**Education**

**Sep. 2021 – Jun. 2025 (Expected)**

* A third-year Computer Science student at Palestine Polytechnic University, with a current GPA of 87%.
* **Relevant courses :** Data Structures, Algorithms, Object-Oriented Programming.

**Skills**

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

**Projects**

* 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 tools that are associated with NetBeans IDE).

**Project link**: [Mohammad-Nayef/Coffee-Machine](https://github.com/Mohammad-Nayef/Coffee-Machine/tree/main)

* Developed a console application in C++ that transfers any given N x M matrix into its reduced row echelon form, which has many applications in Linear Algebra fields.

**Project link**: [Mohammad-Nayef/RREF](https://github.com/Mohammad-Nayef/RREF)

**Exercises, Competitions and Volunteer Experience**

* Participated in **NPalestine** (2023) : A national NP-Optimization Problem contest.
* Participated in **Hebron Code Jam** (2023) : A national Competitive Programming contest.
* Solved over 500 problems of various topics and difficulty levels on [Codeforces](https://codeforces.com/).
* Served as a Competitive Programming coach for the Code Academy Club at my university.
* Actively seeking out and attend various bootcamps to continue developing my skills and knowledge in computer science. Already attended bootcamps on Front End Web Development and DevOps, which provided a solid introduction to these topics.