**Mohammad Nayef**

**Computer Science Student**

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Dura, Hebron, Palestine

**Education**

**Sep. 2021 – Jun. 2025 (Expected)**

* A **second-year** Computer Science student at Palestine Polytechnic University, with a current GPA of 88%.
* **Relevant courses :** Data Structures, Algorithms Design & Analysis, Object-Oriented Programming.

**Skills**

* **Programming languages**: C++, familiar with Java.
* Strong knowledge in **Data Structures** and **Algorithms**.
* Proficient in Object-Oriented Programming principles and techniques.
* Familiar with **Git and GitHub**, and have used these tools in various programming 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 **400** problems of various topics and difficulty levels on **Codeforces**.

**Profile link**: [Mohammad\_Nayef - Codeforces](https://codeforces.com/profile/Mohammad_Nayef)

* 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.