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Dura, Hebron, Palestine

# Mohammad Nayef

## Computer Science Student

[LinkedIn](#)

[GitHub](#)

### Education

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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

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- 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 and GitHub 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

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- 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](#)
- Developed a console application in C++ that transfers any given  $N \times M$  matrix into its reduced row echelon form, which has many applications in Linear Algebra fields.  
**Project link:** [Mohammad-Nayef/RREF](#)

### Exercises, Competitions and Volunteer Experience

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- 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](#).
- 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.