

[cs.moh.nayef@gmail.com](mailto:cs.moh.nayef@gmail.com)

+970 568-514-839

Dura, Hebron, Palestine

# Mohammad Nayef

## Computer Science Student

[LinkedIn](#)

[GitHub](#)

### Education

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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, Object-Oriented Programming.

### Skills

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- **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

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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**.  
**Profile link**: [Mohammad Nayef - 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.