

## Ghasan Ashkar

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[LinkedIn](#)

[web Portfolio](#)

### Profile

Computer Science graduate with a strong foundation in C, Python, and C++, specializing in real-time embedded systems and fast networks. Experienced in Linux OS, object-oriented programming, and data structures. Passionate about AI-driven innovation and building efficient, scalable software systems.

### Education

Currently completing a professional course in IBM iOS and Android Mobile App Developer *(In Progress)*  
**Coursera – Online | 2025**

- Completed a professional course focused on mobile app development
- Gained hands-on experience with **HTML**, **CSS**, and **JavaScript**
- Built and deployed a personal **portfolio website** as a final project

**2020 – 2024**      **BSc in Computer Science, Tel-Hai College , Israel**

- Final Project: Auto Parts Management System.
- Developed using C# and MySQL, enabling customers to browse inventory and place orders, with administrative reporting tools.
- Administrators can generate reports, manage users, and review or delete orders, enhancing operational control.

**2017 – 2019**      **Practical Software Engineering, Technion , Israel**

- Matrix Calculator Project.
- Developed a calculator in C for matrix operations, ensuring efficient handling of matrix sizes and optimized performance.

### Skills

<b>Programming Languages</b>	C, C++, Python (Pandas, PyTorch, Matplotlib), C#, Java, SQL.
<b>Tools &amp; Technologies</b>	Git, MySQL, VxWorks, Eclipse, Visual Studio, Android Studio.
<b>Operating System</b>	Linux, Windows
<b>Concepts</b>	Data Structures & Algorithms, Complexity Analysis, Object-Oriented Programming (OOP).

### Experience

**2020 – 2023**      **Programming Tutor - Python/ C , Tel-Hai (Perach- NGO)**

- Provided one-on-one and group tutoring in **C**, **Python**, and **Digital Systems**, leading to improved student performance for 20%.
- Designed lesson plans and coding exercises, receiving positive feedback from students and colleagues.
- Developed problem-solving strategies to help students strengthen their algorithmic thinking

### Soft Skills:

Leadership | Problem-Solving | Teamwork | Communication | Time Management | Project Management | Adaptability | Self-Learning | Attention to Detail

### Languages

**English** – Fluent    **Hebrew** – Native    **Arabic** – Mother tongue

*Feel free to ask for further assistance or clarification on any specific section!*