

## Ghasan Ashkar

050-3901461

[ghasan.ashkar20@gmail.com](mailto:ghasan.ashkar20@gmail.com)

[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 developing efficient, scalable software solutions.

### Skills

**Programming Languages** C, C++, Python (Pandas, PyTorch, Matplotlib), C#, Java, SQL.

**Tools & Technologies** Git, MySQL, VxWorks, Eclipse, Visual Studio, Android Studio.

**Operating Systems** Linux, Windows

**Concepts** 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

#### 2015 – 2020 Multiple Roles ( Hotels , Coffee Restaurants, etc.)

##### Education

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.

### Languages

**Arabic** – mother tongue

**Hebrew** – fluent **English** – fluent

### Advantageous Skills:

**Linux OS & Scripting** – Strong understanding of Linux-based development.

- **AI & Data Processing** – Experience with Python libraries for AI and data manipulation.
- **Collaborative Development** – Familiar with GitHub for version control and team collaboration

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