

# Faizan Ul Hadi

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Lahore, Pakistan

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## SUMMARY

Highly motivated Computer Science student in 4th semester seeking to leverage strong programming foundation and eagerness to learn. Proficient in C++, C, Python and basics of HTML, CSS, JS. Experience With Jupyter, VS code and MySQL. Eager to contribute to a dynamic team environment and apply knowledge to real-world problems. Open to internship opportunities.

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## KEY COMPETENCIES

Time Management	Report writing and presenting	Strong interpersonal skills
Problem solving	Critical thinking skills	Proactive and self-motivated
Cost-benefit analysis	Excellent communication skills	Exceptional organisational skills

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## PROJECTS

### Snake Game

#### Using data Structures and OOP principles

Built a Snake game using Object-Oriented Programming (OOP) and Data Structures & Algorithms (DSA) to showcase proficiency in core CS concepts. Implemented classes for Snake, Food, and Game, utilizing lists for efficient body representation and collision detection with walls and itself. Explored random number generation for food placement.

### Airport Management system

#### Using OOP and Data Structures

Designed an Airport Management System. The system utilizes OOP to model flights, passengers, and staff, leverages DSA for efficient scheduling and resource allocation, and integrates with an SQL database to store and manage flight information, bookings, and passenger details

### Portfolio Website

#### Using HTML, CSS and JS

Prepared a portfolio website using HTML, CSS and JavaScript. This approach allowed me to showcase my skills and projects in a visually appealing and user-friendly way.

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## EDUCATION & CERTIFICATIONS

### Bachelor in Computer Science 2022-2026

Lahore Garrison University  
current CGPA 3.47  
currently enrolled

#### Certificates

Python for Data Science, AI & Development

- IBM (Coursera)

## LANGUAGES

• C++	Proficient
• C	Proficient
• Python	Proficient
• MySQL	Proficient
• HTML	Basic
• CSS	Basic
• JavaScript	Basic