GHULAM DASTGIR

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Computer Science student at FAST University, with a strong grasp on programming, problem-solving, and a passion for clean, efficient code. Skilled in Object-Oriented Programming (OOP), Data Structures and Algorithms (DSA), and SQL. Committed to creating optimized solutions through structured and logical thinking.

PROJECTS

11/2023 – 12/2023
SPACE INADERS, C++

Developed an arcade-style 'Invaders' game in C++ as a 1st-semester project, applying core programming fundamentals. Implemented enemy movement, player controls, and real-time scoring to demonstrate early game development skills.

03/2024 – 04/2024
SOCIAL NETWORK APP, C++

Built a social networking app in C++ with an interactive GUI, applying Object-Oriented Programming principles. Included features like user profiles, connections, and dynamic interactions, demonstrating strong software design skills.

11/2024 – 12/2024
MAZE RUNNER, COAL

Developed a coal-themed maze game in Assembly Language with path-restricted player movement. Utilized direct memory access for screen rendering and implemented logic for interactive navigation, highlighting low-level programming skills.

03/2025 – 12/2025
TASK MANAGEMENT SYSTEM, SQL SERVER

Designed a task management system using SQL Server, implementing features for task creation, assignment, and status tracking. Demonstrated strong database design, query writing, and data management skills.

EDUCATION

2023 – PRESENT
BS(CS), FAST NUCES, LAHORE

Covered core Computer Science subjects including Programming Fundamentals, Object-Oriented Programming, Data Structures & Algorithms, Operating Systems, and Databases.

2021 – 2023
INTERMEDIATE, PUNJAB GROUP OF COLLEGES, OKARA

Achieved exceptional academic results in Computer Science, Statistics, and Mathematics during intermediate studies.

SKILLS

- **C++**: Proficient in C++ with hands-on experience in object-oriented programming and data structures
- **SQL**: Skilled in SQL for designing, querying, and managing relational databases using SQL Server.
- **HTML & CSS**: Capable of creating responsive and well-structured web interfaces using HTML and CSS.
- **Assembly Language**: Familiar with low-level programming in Assembly language, including memory manipulation and hardware interaction.
- **Leadership**: Demonstrated leadership through collaborative projects and effective team coordination.