

# MOHSIN ALI

Wapda Town, Lahore

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## EDUCATION

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### **FAST NUCES Lahore**

*August 2022 - Present (4th semester completed)*

Bachelors in Computer Science: 2.92

**Relevant Courses:** Programming Fundamentals, Object Oriented Programming, Data Structures, Design and Algorithms, Database, Operating System, Computer Org. and Assembly Lang., and Digital and Logical Design

### **KIPS College for Boys Ameer Chowk**

*2020 - 2022*

Intermediate in Computer Sciences: 989/1100

### **KIPS School for Boys 210-F**

Matriculation: 1030/1100

## PROJECTS

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**Teleword Puzzle Game** A newspaper-style Teleword puzzle was designed in C++ through file handling. Stats were maintained in the end: time taken to solve the puzzle, logest word length, word distribution, teleword scatter, heaviest row, heaviest column.

### **Solitaire Game**

The solitaire game was implemented using C++ and its graphics library. The GUI of the game was designed on terminal.

### **Letter Catch Game**

A game designed in Assembly language using Nasm-Dosbox compiler. Keyboard and timer interrupts were used to control arrow keys and alphabets' speed as time progressed.

### **School Management System**

The school management system was designed using ASP.NET, HTML, JS, and SQL. Separate login portals were designed for admin, students, and teachers. Triggers and procedures were implemented for different functionalities, such as student and teacher enrollment, attendance, fee and salary transactions, etc.

**Audio player** The audio player was designed using different C++ libraries. The audio frequency, speed and vocal gets changed for any provided sound/music.

## TECHNICAL SKILLS

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C/C++, SQL, ASP.NET, HTML, CSS, and JavaScript