Saad Bin Ather

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Education

National University of Computer and Emerging Sciences (NUCES), Lahore　　　**2023 – Current**
Bachelor of Science in Computer Science　　　3.50/4.00

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- Data Structures
- Database Systems
- OOP
- Computer Organization
- Operating Systems
- Calculus
- Linear Algebra
- Probability
- Assembly Language
- Discrete Structures

Forman Christian College, Lahore　　　**2021 – 2023**
Pre-Engineering　　　Grade: A

Technical Skills

Languages: C/C++, JavaScript, SQL, HTML/CSS
Frameworks: Node.js, React
Tools: Git, VS Code
Languages: Fluent English

Projects

Freakmax Movie Ticket Booking System

- Developed with Node.js and SQL Server, implementing CRUD APIs for movies, screens, cinemas, and showtimes
- Built responsive frontend using React and CSS for seamless UX
- Implemented token-based authentication and middleware for secure role-based access

Todo List App

- Modern JavaScript application with RESTful API design

Solitaire Game

- C++ implementation with advanced data structures
- Features interactive gameplay with robust move validation

Customer Service Portal

- Developed in C++ using Data Structures.
- Optimized data handling for fast manipulation in large datasets.

Social Media Application

- Created a framework for a Social Media App leveraging Object-Oriented Programming principles.

Alphabet Catcher Game

- Developed in Assembly (IPX 8088) using interrupts, threads, and registers to control game mechanics.
- Enhanced responsiveness through computer architecture principles