Muhammad Taha

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An ambitious student currently doing a bachelor's in Computer Science from FAST NUCES, skilled in problem-solving and analytical thinking, with an ability to collaborate effectively with others to achieve project goals. Seeking an internship position that will provide hands - on experience. Passionate about learning new technologies and eager to contribute to a dynamic team environment.

EDUCATION

BS(CS)

FAST NUCES • GPA: 3.34   Aug 2022 - Present

PROJECTS

Eventoria

A web platform connecting customers with vendors to book venues and services for events, conferences, and meetings.

Airline Management System

Developed a C# Windows Forms application with SQL database to streamline airline operations including ticket reservations, flight scheduling, crew management, maintenance tracking, passenger services, revenue management, baggage handling, and reporting & analytics.

Mini OS

Developed a terminal-based OS with utilities like a text editor, calculator, and games. Implemented process/thread management, context switching, multitasking, and interrupt handling for efficient resource utilization.

Transport Management System

Developed Transport Management System in C++ using OOP concepts, where customer can can book a ride or transport goods and the driver can choose to accept or reject rides.

Compiler Design

Developed a simple compiler using tools like Yacc/Bison to process a custom language, handling lexical analysis, syntax parsing, and semantic checking.

Snake Game

Developed snake game in x86 assembly language for DOS operating system.

TEACHING ASSISTANT

FAST NUCES	**Aug 2024 - Present**
Operating Systems	**Jan 2025 - Present**
Database Systems	**Aug 2024 - Present**

ACHIEVEMENT & CERTIFICATIONS

Dean's List – Spring 2024 & Fall 2024	
Database Structures and Management with MySQL	Mar 2024
META	
Python for Data Science, AI & Development	Jan 2024
IBM	

VOLUNTEERING & LEADERSHIP

Ambassador - VANAR

Organizer - TEDxFAST Faisalabad

Management - Daira '23, Daira '24, Job Fair '24, Daira '25, Job Fair '25

SKILLS & INTERESTS

Skills: Assembly, C++, CSS, HTML, Javascript, Node.js, PostgreSQL, Python, React

Tools: Adobe Illustrator, Bison, Canva, GitHub, MS Office, Oracle, Visual Studio, VS Code, Yacc

Interests: AI, Software Development, Web Development