

Muhammad Taha

Lahore • muhammادتaha2723@gmail.com • <https://mtaha-23.github.io/Portfolio>

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: 3.32

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.

FAST Aggregate Calculator

Developed a web-based FAST-NUCES aggregate calculator used by hundreds of applicants to estimate their admission result.

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 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 - May 2025

Operating Systems

Jan 2025 - May 2025

Database Systems

Aug 2024 - May 2025

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 & TOOLS

Skills: Assembly, C++, Compiler Construction, CSS, HTML, Javascript, Python, SQL

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