Hamd Umer

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# Summary

• Computer Science undergraduate with experience in data analysis and full-stack web development .

• Proficient in Python, C++; experienced with Node.js, SQL, pytorch.

# Education

FAST-NUCES, Lahore — BS in Computer Science (Aug 2022 – Aug 2026)

Courses: OOP, Data Structures, Algorithms, DBMS, Software Engineering

# Skills

Languages: Python, C++, C, SQL

Frameworks: Node.js, Django,Pytorch

Tools: VS Code, Google Colab

Databases: MySQL

# Projects

Watch Party Website (Django, SQL): Synchronized media streaming, session/user logic with Django.

Nawab Motors Website (Node.js, SQL): Ecommerce store, backend in Node.js, responsive UI.

Compiler (c/c++): compiler from scratch to three address code generation using flex and bison specification files.

Tic tac toe game (x86 Assembly): 2D game using BIOS interrupts.

Minesweeper game (C++, SFML): Game using OOP concepts like inheritance, polymorphism and SFML.

# Leadership

Event coordinator - FAST Sports Gala 2024/2025

Social Media Head - FAST Sports Gala 2024/2025

Managed events with 40+ companies, 70+ team members. Oversaw logistics and coordination.

Coordinator – Fast Sports Society