Ahmad Hassan

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CAREER SUMMARY

Enthusiastic and driven computer science student, with a strong foundation in programming, algorithms, and problem-solving. Passionate about software development, data structures, and exploring innovative technologies. Experienced in C++ programming and actively working on advanced concepts. Skilled in game development and database management, with a keen interest in building interactive applications and efficient data-driven solutions. Adept at collaborating on projects and committed to continuous learning and growth in the tech industry. Possess strong analytical thinking, creativity, and the ability to quickly adapt to new tools and technologies. Eager to take on challenging opportunities and contribute innovative ideas to real-world projects.

EDUCATION

Bachelors of Science in Computer Science

Information Technology University of the Punjab, Lahore   • *2023-2027*

ACADEMIC PROJECTS

• **Chess Game (Programming Fundamentals)**

A Chess Game designed with Programming Fundamentals (PF), showcasing core gameplay, player interactions, and rule implementation.

• **Book Store Management System (Object Oriented Programming)**

A comprehensive Book Store Management System built using Object-Oriented Programming (OOP) principles, enabling efficient management of books, customers, and transactions.

• **Online Appointment Booking System (Database)**

An Online Appointment Booking System built with database management, enabling users to schedule, manage, and track appointments efficiently.

• **Text Editor (Data Structure)**

A feature-rich Text Editor implemented using Data Structures and Algorithms (DSA), offering efficient text manipulation, search, and editing capabilities.

• **2D and 3D Games in Unity (Game Development)**

A collection of engaging 2D and 3D games developed in Unity, featuring interactive gameplay, immersive graphics, and dynamic environments.

• **Citrus Leaf Abnormalities Classification (Artificial Intelligence)**

Harness AI to detect and classify citrus leaf anomalies, empowering farmers with actionable insights for healthier crops.

• **Smart Study Planner (Software Engineering)**

Transform your study routine with an intelligent planner that adapts to your schedule, optimizing productivity and focus effortlessly.

• **Peer to Peer (P2P) File Sharing System (Design and Analysis of Algorithm)**

Experience seamless, decentralized file sharing with a robust algorithmic backbone that ensures speed, security, and reliability.

• **Portfolio (Web Development)**

Showcase your skills and projects through a dynamic, visually captivating digital portfolio that leaves a lasting impression.

• **Travel Enthusiast Network (Web Development)**

A dynamic and completely functional web platform connecting travelers to share experiences, tips, and itineraries.

DIGITAL SKILLS

➢ Training & Analysis	➢ MS-Office, MS-Excel
➢ C++, Python	➢ Unity & Maya
➢ MySQL Workbench	➢ DOSBox

COMMUNICATION AND INTERPERSONAL SKILLS

➢ Active Listening, Team Leadership	➢ Event Coordination
➢ Verbal and non-Verbal Communication	➢ Emotional Intelligence
➢ Collaboration, Adaptability	➢ Public Speaking, Critical Thinking
➢ Feedback Giving and Receiving	➢ Confidence, Marketing

CERTIFICATIONS

➢ Marketing Specialist, Artist Society ITU	➢ Event Coordinator, Media Club ITU
➢ Logistic Member, Eureka ITU	➢ Best Speaker in English Delegation, DPS
➢ Marketing Specialist, Media Club ITU	➢ Class Representative in College, DPS

Languages

➢ English/Urdu/Punjabi