
AHMER AFTAB

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EDUCATION

Bachelor of Science: Computer Science
Bahria University - Karachi, Sindh

Expected in 2026

PROJECTS

Guessing Game (Application of Computer Programming) – C++

- Implemented user authentication, login, and signup features with wallet functionality for betting in C++ language.
- Enforced rules limiting bets to deposited amounts and numbers between 1 to 10, with winnings yielding ten times the bet amount and losses resulting in total bet loss.

Car Rental Management System - Microsoft SQL Server

- Developed "Car Rental Management System" project using Microsoft SQL Server Management Studio for Database Management System Lab in Fall 2023.
- Designed three distinct panels—Customer, Admin, and Staff—to cater to various user roles and needs within the car rental business.
- Implemented features such as smooth booking experiences for customers, robust control and analytics for administrators, and efficient day-to-day operations for staff members.

Central Jail (Application of Data Structures and Algorithms) – C++

- Designed an admin-based system to efficiently manage and organize prisoner data, including name, age, committed crime, etc.
- Implemented features allowing jail administrators to access confidential prison data, view and sort records, and monitor the number of prisoners and guards in the prison.

Online Shopping Platform – Java Language

- Developed "Online Shopping Platform" project using Java for Object Oriented Programming Lab in Fall 2022.
- Designed a user-friendly web-based application for online retail, focusing on ease of use and pleasant shopping experience.
- Implemented features such as user account creation, wish list functionality, product search engine with filtering options, and an intuitive shopping cart interface.

EXTRACURRICULAR ACTIVITIES

Conference Volunteer – Bahria University

- Volunteered in the third international conference on Iqbal at Bahria University.
- Assisted with registration and check-in of conference attendees.
- Provided information and assistance to participants regarding conference schedule, session locations, and other inquiries.

Events Commissioner

Event Management Club – Bahria University

- Lead the planning and execution of diverse events, managing intricate logistics and ensuring seamless setup and teardown of venues.
- Established effective communication channels with stakeholders, vendors, and venue representatives, fostering collaborative partnerships for successful event outcomes increasing event attendance by 67%.
- Crafted compelling event content and promotional materials, aligning them with event objectives and enhancing participant engagement.

SKILLS

- **Technical:** Proficient in C++, Python, Microsoft SQL server, Java, Microsoft Word, Excel
- **Team player:** Experience working in cross-functional teams, strong collaboration and leadership skills.
- **Problem-solving:** Strong critical thinking and problem-solving skills, able to find creative solutions to complex problems.
- **Project management:** Project planning and execution.