Umair Kamran

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EDUCATION

SIR SYED UNIVERSITY OF ENGINEERING AND TECHNOLOGY **Karachi**

BS in Computer Engineering   Sep 23 - May 27

- **Key Courses:** Programming Fundamentals, Object-Oriented Programming, Data Structures, Algorithms, Digital Logic Design, Computer Organization, Operating Systems, Database Management Systems, Software Engineering, Signals & Systems.

SKILLS & INTERESTS

Skills: C++, Python, PHP, HTML, CSS, MySQL, MATLAB, Simulink, Git, Pygame, UI Design, Object-Oriented Programming (OOP), Data Structures, Algorithms

Interests: C++, Python Development, Web Development.

PROJECTS

Quiz Game

- Developed a simple text-based quiz game using Python, including scoring logic and multiple-choice question functionality to improve programming fundamentals.

Basic Trading System

- Created a console-based trading simulation where users could register, buy/sell stocks, and track balances. Focused on object-oriented programming, file handling, and menu systems.

Event Management System

- Built a mobile app for booking event types (weddings, birthdays, etc.) using Flutter and Dart. The app included login, registration, and booking features with Firebase backend.
Selected for Semester Project Exhibition at SSUET.

Library Management System

- Developed a web-based system to manage library books, student records, issue/return operations, and admin login. Integrated PHP with a MySQL database for backend operations.

Guess the Number – AI Game

- Created a fun number guessing game with AI opponent logic using binary search. Added a user interface with Pygame, difficulty levels, and real-time feedback.

COURSES

Sir Syed University of Engineering & Technology (SSUET)

- Flutter Workshop – Certificate of Participation
- Event Management System (Flutter Project) – Exhibition Participation Certificate
- Voting Machine (Digital Logic Design Project) – Exhibition Participation Certificate
- Poster Competition – Certificate of Participation

CONTACT

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