FIZA FAROOQ

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Education

FAST NATIONAL UNIVERSITY OF COMPUTER AND EMERGING SCIENCES Karachi, Pakistan

Bachelor of Computer Science August 2022 - PRESENT

BAMM PECHS GOVT COLLEGE FOR WOMEN Karachi, Pakistan

Pre-Engineering 2020 – 2022

Skills

- Proficient in **Python**, **C**, **C++, JavaScript**, **React.js**, **HTML**, and **CSS**, with hands-on experience in advanced concepts and project applications.
- Strong in Linux (command-line, shell scripting) and SQL (**PostgreSQL**, **MySQL**).
- Solid grasp of data structures, algorithms, and Assembly Language for efficient software development.
- Currently studying **AI** with a keen focus on Machine Learning and Data Science.

Projects

PERSONAPICKS

- PersonaPicks is a Django-based recommendation system that personalizes movie and book suggestions based on MBTI personality types, blending psychology with technology. Built with Python, Django, HTML, CSS, and PostgreSQL, it offers a unique and engaging user experience.

KARACHI RED BUS ROUTE FINDER

- Implemented using C++ programming language, leveraging principles of data structures and algorithms, particularly graph theory.

ELECTRONIC VOTING MACHINE

- Utilized C and C++ programming languages, incorporating Object-Oriented Programming (OOP) concepts such as encapsulation, inheritance, and polymorphism.

Extracurricular & Volunteer Experience

CODING COMPETITION PARTICIPATION

- Engaged in multiple coding competitions such as the Coder's Cup, Code Sprint, and Hackathon, showcasing problem-solving skills and technical expertise in competitive environments.

VOLUNTEER AT THE ORANGE TREE FOUNDATION FUNFAIR January 2023

- Volunteered at Orange Tree Foundation's funfair, supporting event success through various activities.

Course

- Responsive Web Design Certification – freecodecamp.org
- Database Design – DataCamp

Additional

- Technical Skills: Familiar with Microsoft Word, Excel, and PowerPoint
- Interests: Coding and Programming, Front-end Development, Back-end Development
- Language: English, Urdu