Muhammad Warzan

Software Engineer

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PROFILE

With a great ambition to enhance my skills in the information technology industry, I am currently a junior at **National University of Computer and Emerging Sciences** ⧉ pursuing a *Bachelor's degree in Computer Science*. With a strong academic background and a curious mindset, I thrive in exploring various fields (APP, WEB DEV, AI, ML, DL, CV) and acquiring new knowledge.

I prefer to concentrate my efforts on identifying areas where I can improve and proactively working on them to become a better version of myself.

In search of an opportunity where I may put my education and skills to work in assisting the organization in achieving its objectives.

I am ready to have new experiences, meet new people and learn new things everyday.

WORK EXPERIENCE

Front End Web Developer
Interns Pakistan ⧉
06/2023 – present | Karachi, Pakistan
It is an Online Internship Program which will cover a minimum of four weeks, with students starting to learn first and later you will get an opportunity to work on the real-world problem and have fun along the way.

EDUCATION

Bachelor's Degree in Computer Science
National University Of Computer and Emerging Sciences ⧉
2020 – 2024 | Shah Latif Town, Karachi, Pakistan

SKILLS

Mobile Application Development ● Flutter Framework

Dart Programming Language ● Front End Development

HTML (Hypertext Markup Language) ● Cascading Style Sheets (CSS)

Bootstrap ● JavaScript ● jQuery ● PHP ● Wordpress

Object Oriented Programming (OOP) ● Database Systems (SQL)

C++ Programming Language ● C Programming Language

Data Structures and Algorithms ● Microsoft Office

Communication Skills ● Presentation Skills

INTERESTS

Mobile Application Development ● Web Development

Data Science ● Machine Learning ● Deep Learning

Computer Vision ● National Language Processing

ORGANIZATIONS

Procom.net.pk ⧉
Guest Relations Senior Co-ordinator
2022 – 2023 | Shah Latif Town, Karachi, Pakistan

IEEE FAST-NUCES Society ⧉
Member of Event Management Team
2021 – 2022 | Shah Latif Town, Karachi, Pakistan

PROJECTS

Code Smashers Website Using Wordpress ⧉
Web Development
Code Smashers is more than just a website, it's a dynamic community and learning platform that empowers individuals to unlock their coding potential. Code Smashers provides a one-stop destination for programmers of all levels, inspiring them to smash through coding barriers and thrive in the world of technology.

COVID-19 Screening Tool (Using Bootstrap and jQuery) ⧉
Web Development
The COVID-19 screening tool is a vital resource in identifying potential cases and reducing the spread of the virus. By assessing symptoms, exposure history, and risk factors, it helps prioritize testing and ensures timely interventions for individuals at risk.

Basic Banking System Application ⧉
Mobile Application Development
Basic Banking System Application developed using SQflite database (flutter framework) in which user can transfer money from one account to another account.

Flutter UI Design Templates ⧉
Mobile Application Development (Front-end)
The user-friendly flutter UI design templates I've created are all housed in this repository, including an introductory UI and a collection of motivational catchphrases. I also incorporate a few special hidden animation widgets from the Flutter framework into my UI design.

Flutter UI Projects Clone ⧉
Mobile Application Development (Front-end)
This repository is intended especially for newbies like myself who want to start a brand-new roadmap in Dart programming language (flutter framework) to develop several software development applications for both Android and iOS. The user-friendly flutter UI design I've created are all housed in this repository.

Simple Client-Server Chatting Application in Python ⧉
Computer Networks
A socket is an end-point for sending or receiving data across a network. In TCP, data is sent as a stream of bytes, with the protocol providing a reliable, ordered and error-checked delivery of data. We have developed a simple client-server application with TCP along with GUI in python.

CPU Process Scheduling Algorithms ⧉
Operating Systems
Developed in C++ Programming Language, Applying all four CPU process scheduling algorithms that include round-robin scheduling (RR), priority scheduling (preemptive), priority scheduling (non-preemptive), SJF scheduling (non-preemptive), and SJF scheduling (preemptive), sometimes known as SRTF (shortest remaining time first) scheduling on Linux (Ubuntu-16.04LTS) operating system.

Manipulation with Big Data ⧉
Data Structures and Algorithms
Developed in C++ Programming Language, To effectively manage Big Data, we have used the best data structure (Binary Search tree data structures). Our data collection on books is around 1 GB. We carried out data cleaning, data filtering, data searching, and user recommendations.

Bank Management System ⧉
Object Oriented Programming
Developed in C++ Programming Language. It includes a home page, login, account opening, deposit and withdrawal limits, an easy way to cancel accounts, and looping animations for some animations. With the aid of courses, maintaining track of every bank record.

Crossword Puzzle Game ⧉
Assembly Language
It is a form of word puzzle in which you must locate hidden letters of words from the grid in all directions, including up, down, right, left, and diagonally. The letters of words are arranged in a grid. This game was created in assembly language with Visual Studio 2019 as the IDE.

The Trio Games ⧉
Programming Fundamentals
Developed using the C programming language. Three separate games i.e the letter game, the luck game, and the quiz game make up this trio games project.