SYED **MUSTAJAB ALI** SHAH

WEB DEVELOPER

github.com/Mustajab01

+92 333 4056416
linkedin.com/in/mustajab-ali
mustajabali.321@gmail.com

As an undergraduate Computer Science student, I'm passionate about innovation and eager to kickstart a dynamic career through an internship. I bring a strong foundation in programming, problem-solving, and a relentless drive to explore emerging technologies. I thrive in diverse teams, under pressure, and approach challenges with creativity. Let's transform the digital landscape together and make a tech impact.

SKILLS

TOOLS

- VS Code
- Git
- GitHub
- MS Project
- Google Suite

LANGUAGES & LIBRARIES

- HTML/CSS
- JavaScript
- C++
- Python
- NodeJS
- ExpressJS
- MySQL

EDUCATION

UBIT | KARACHI UNIVERSITY
BS in Computer Science
2021 - To be completed in 2024

USMAN PUBLIC COLLEGE
HSC Pre-Engineering
2018 - 2020

USMAN PUBLIC SCHOOL
SSC Computer Science
2016 - 2018

EXPERIENCE

PROJEXELS | KARACHI
Dec 2022 - Jan 2024

Internship program; worked on python development, Wordpress and more.

PROJECTS

SORTING ALGORITHMS SOLVER
https://mustajab01.github.io/Algorithms-Web-App

It was built with Html, CSS and Java Script, visualizes the steps for different sorting algorithms. It focuses on providing visual representations of the steps taken to sort an array of numbers provided by the users so that they can observe and learn how algorithms like bubble sort, quicksort, or merge sort work by revealing each step.

SCHEDULING ALGORITHMS SOLVER
https://mustajab01.github.io/OS-Algorithms

It provides a simulation of system processes using different scheduling algorithms. It was built using HTML, CSS, and JavaScript, making it accessible and interactive for users. It aids in understanding and comparing the performance of scheduling algorithms in various computing scenarios, contributing to the study of operating systems and system optimization.

SHORTEST PATH FINDER IN UOK

As a sophomore, I developed a project called 'Shortest Path Finder' for my Data Structures course. This project was created using C++ and utilizes Dijkstra's Algorithm to determine the shortest path between two departments in my university.

STOCK SHARES SIMULATOR

Built using HTML, CSS, NodeJS for backend, ExpressJS for session tokens and MySQL for Database. It offers a risk-free and educational environment providing valuable insights that can be applied to real-world financial decisions.

AGE CALCULATOR
https://mustajab01.github.io/Age-Calculator

This project was developed utilizing HTML, CSS, and Vanilla JS to calculate the time difference between two specified dates, with consideration for leap years. It can serve as an educational tool for users to learn about date calculations and leap years, making it a valuable resource for students and enthusiasts.

GPA CALCULATOR
https://mustajab01.github.io/GPA-Calculator

The GPA calculator was constructed with HTML, CSS, and Vanilla JS, and it computes GPAs based on my department's guidelines. The calculator is tailored to the specific GPA calculation rules and criteria of the department, ensuring it aligns with academic requirements.

COUNTDOWN TIMER
https://mustajab01.github.io/Countdown-Timer

The project, made with Html, CSS and JS, takes input in hours, minutes, and seconds, and continuously decrements the values by 1 second after each second. It offers a wide range of benefits for time management, productivity, and organization in both personal and professional settings.