

# UROOJ FATIMA

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Looking for a good opportunity at growing company. Aiming to parlay my analytical skills and attention to detail to further develop my abilities in the field of computer science.

## SEMESTER PROJECTS

### FINAL YEAR PROJECT

#### SMART MONITORING

-This system is all about Real-time face mask monitoring and face identification that enables admin to view real-time notification when anyone will be detected without mask or crowd area detected, view real-time streaming, user records, update news, violators detail and many more through web application. This system is created by using HTML, CSS, Bootstrap, JavaScript, PHP, Python etc.

### WEB ENGINEERING

#### VISUAL STUDIES DEPT'S PROJECTS WEBSITE | JUW

-This website is based on the creative work of the visual studies students of Jinnah University for Women. Main motive is to market their products so everyone can easily approach it and can buy them according to their choices. Created by using HTML, CSS, Bootstrap, PHP, JavaScript, MySQL.

### PROGRAMMING FUNDAMENTALS

#### ONLINE FOOD ORDERING SYSTEM

-The system designed in this project to provide customers an interface where they could place an order for their foods and beverages. This system is created by using HTML, CSS, Bootstrap, JavaScript and Python.

### LINEAR ALGEBRA

#### IMAGE COMPRESSION

-In this project we've used K-mean clustering algorithm to reduce the size of images. The aim of this project is to minimize the distance from every data point to the cluster in each clusters. Created by using MATLAB.

### DATABASE SYSTEMS

#### AIRLINE MANAGEMENT SYSTEM

-This system is used to retrieve and contains information about all flights with their available seats, airline schedules, passenger reservations and ticket records. To create this system, we've used Microsoft Access.

## CERTIFICATIONS

### WEB DESIGNING

-From Farooq e Azam IT Institute

### PYTHON BASICS FROM UNIVERSITY OF MICHIGAN

-Through Coursera

### PYTHON DATA STRUCTURE FROM UNIVERSITY OF MICHIGAN

-Through Coursera

### INTRODUCTION TO BLOCKCHAIN TECHNOLOGIES FROM INSEAD

-Through Coursera

## ACHIEVEMENTS

### SMART MONITORING | FINAL YEAR PROJECT

- With the team of four members I worked as a team leader in FYP and Secured 2<sup>nd</sup> position at JTECH'2022 by National Incubation Center, Karachi in best final year project category.

-Received an appreciation award for final year project at JTECH'2022 by Honorable Chief Guest Mr. Usman Dar, Chairman of the Prime Minister's Youth Programme.

## EDUCATION

### JINNAH UNIVERSITY FOR WOMEN | NAZIMABAD, 2018-2021

#### BACHELOR OF COMPUTER SCIENCE

CGPA (3.4)

#### MAJOR COURSES

Programming Fundamentals, Object Oriented Programming, Data Structures and Algorithms, Database Systems, WEB Designing and Development, Operating Systems, Data Communication and Networks, Design and analysis of algorithms, Artificial Intelligence.

### GOVT COLLEGE FOR WOMEN | NAZIMABAD

-HSC IN COMPUTER SCIENCE

## SKILLS

- **TOOLS** Sublime, WordPress, Wireshark, MATLAB, MS Office
- **PROGRAMMING LANGUAGES** HTML, CSS, Bootstrap, JavaScript, Angular JS, Python, JQuery, PHP, XML, C and Java (OOP)
- **DATABASES** SQL Server, MySQL
- **OPERATING SYSTEMS** Windows, Ubuntu