

Maryam Iqtidar

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EDUCATION

- Bachelor of Science, Computer Science

Expected Graduation: May 2024

Forman Christian College (A Chartered University), Lahore.

- A level

Completed in 2020

Lahore Grammar School , Paragon City Lahore.

CURRENT CGPA

- *Current CGPA: 3.84*

TECHNICAL SKILLS

- Skills: *C++, Python, SQL, R Programming, Data Structures, Documentation of software, file handling and OOP.*
- Tools: *Visual Studio Code, R Studio, MySQL and Pycharm.*

PROJECTS

Parking Management System - Database Systems

Fall 2022

- *Making a database system for Parking slots and Graphical User interface.*
- *Used Tkinter and SQL.*

Search Engine - Data Structures and Algorithms

Spring 2022

- *Used different data structures such as Linked list, Hash table, Binary Search Trees, AVL trees and Trie to implement search engine.*
- *calculated how much time each data structure took to search and load files for the respective keyword given by the user.*

Parking Management System - Software Development

Fall 2022

- *Made GUI to automate parking management system.*
- *Made fully dressed use cases , Sequence diagram and test cases of parking management system.*
- *Used agile methodology.*

Library Management System - Object Oriented Programming

Fall 2021

- *Created a library Management system along with team using object oriented programming concepts and Tkinter.*
- *File handling which stored and deleted the books according to the users borrowing and stored who has borrowed book in that particular folder.*
- *Login and account creation options available.*

PERSONAL PROJECTS

Regression Analysis - Statistics

Fall 2021

- *Used Linear regression model on a given dataset on bikes and relevant issues and discharge of gases from it.*
- *R Programming was used.*

Object Detection - Programming Fundamentals

Spring 2021

- *Trained a Model to detect the person whose pictures were labelled using Labellmg from Anaconda*
- *200 Images were used of both team members*
- *Model Accuracy 90-100 percent*

STUDENT INVOLVEMENT

OmniLife FCCU - Videography Lead

August 2022-Present

- *Covered all the events organized by OmniLife with my team.*

Forman Islamic Society - Director Videography

August 2022-Present

- *Covered all the events organized by Forman Islamic Society. Have done video editing in this society as well.*

Salam Mathematics Society - Logistics Manager

August 2022-Present

- *Have done all the logistics work for Mathematics Society and played an active part in Mega Event "Mathalon" with my team.*

IEEE - Co-Director Videography

August 2022-Present

- *Covered events organized by IEEE.*