

SARMADSABIR

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EDUCATION

BS in Computer Science

2019 – 2023

Forman Christian College University (FCCU)

Lahore, Pakistan

CGPA

3.6

Relevant Courses

Programming, Software Engineering, Assembly Language, Database, Data Structures, Design and Analysis of Algorithms, Artificial Intelligence, Operating Systems, Compiler Construction, Web Development, Mobile App development, Machine Learning & Information Security.

O/A levels

2014 – 2019

Beaconhouse School System

Lahore, Pakistan

PROFESSIONAL SKILLS

Communication Time Management Teaching
Problem Solving Team Work Programming

TECHNICAL SKILLS

Python Dart #C ML
PHP MATLAB HTML/CSS JavaScript

WORK EXPERIENCE

Information Technology / Chess Instructor

Oct, 2023 – Present

Daadras Foundation

- At Daadras I've been teaching children basic fundamentals of IT, CS and Chess. Teaching these young bright minded kids from the age of 3-12 years old is a great experience. It is the perfect time to build their fundamentals about IT, CS and chess.

IT Summer Intern

June, 2022 – Sep, 2022

Mitchell's Fruit and Farms

3 months

- Learned about an ERP system
- Exploring SAP and Oracle
- Learnt about Mitchell's ERP system

Teacher Assistant

Sep, 2023 – Present

Forman Christian College University (FCCU)

- Helping students learn the fundamentals of Python programming and Object Oriented Programming.
- Creating challenging assignments and grading them.

Content Creator / Editor

June, 2017 – Aug, 2017

Maati TV

3 months

- "Youngest Pakistani Wheelchair Cricketer"
- I learned video editing at Maati TV and regularly edited videos for them. In that time frame I managed to work on a project and produced a video for them that was published on their Facebook and YouTube page.

Freelance Teacher

June, 2022 – Sep, 2022

Self employed

3 months

- I have been instructing an international student in his university-level IT courses, and I'm thrilled to report his remarkable progress. He has consistently achieved outstanding results, consistently earning above 90% in each of his courses.

PROJECTS

VitalCareX | Python, TensorFlow, Coral, OpenCV, Flutter, Firebase, Rpi4, Latex March, 2023– Jan, 2024

- Award: Best Final Year Project.
- VitalCareX monitors the vital signs of elderly people wirelessly.
- Mobile Application built on Flutter framework to view vital signs.
- Firebase Real-time database and Firebase Firestore.
- Machine Learning for improved accuracy.

VitalCareX Mobile Application | Flutter, Firebase, Python March, 2023– Jan, 2024

- User-friendly mobile application with vital signs and heart rate graph.
- Firebase Real-time database and Firebase Firestore.
- Firebase User Authentication.
- Real-time Notifications feature.

Showroom Management System | HTML, CSS, PHP, MySQL, Javascript Dec, 2022– Jan, 2023

- Created a login page that would differentiate between the users and the admins.
- Used MySQL as my database and implemented queries through PHP.
- Created an invoice-generating system that would allow users to buy vehicles and checkout.

Library Management System | Python (OOP) March, 2022– July, 2022

- Created a basic library management system that had the capability to verify login, generate fines, and issue or return a book.
- Used arrays to store information.
- Object Oriented Programming

Employee Evacuation Prevention System | Python, MySQL March, 2022– July, 2022

- Track employee work hours and monitor activity
- Choose Python to code and develop
- Stored data with the help of MySQL

Movie Recommendation System | Python March, 2022– July, 2022

- Recommend movies based on user similarities with the help of Pearson correlation
- Around 35k data retrieved from Kaggle

Game Organization Management System | MySQL March, 2022– July, 2022

- Stored data of a famous gaming company known as 'UBISOFT'
- Connected the data with the help of queries in MySQL

INTERESTS

- E-Gaming
- Sports
- Learning Languages

CERTIFICATIONS

- Flutter & Dart (Udemy)
- Web Development (Udemy)
- Python {DataCamp}

EXTRA CURRICULAR

Football Team Captain Beaconhouse Model Town (BMTL)	Jan, 2015– July, 2017
Football Team Captain Beaconhouse A levels Johar Town (ALJT)	Jan, 2018– July, 2019
Director Technical Forman Music Society FCCU	Jan, 2022– July, 2022
Activities Coordinator Google Developers Student Club FCCU	Jan, 2022– July, 2022
Director Socials IEEE FCCU	Aug, 2022– Jan, 2023
Director IT The Art Junction Society FCCU	Aug, 2022– Jan, 2023
Runner Ups FCCU Intra Mural Football Championship	May, 2023