



# Muhammad Safdar

## Aspiring Software Engineer

Driven computer science graduate with a strong background in programming, databases, data structures, and software development methodologies. Passionate about exploring emerging technologies and applying them to solve real-world problems.

✉ mosafdaralii@gmail.com

☎ 03081120027

📍 Lahore

🌐 mosafdar.me

🌐 linkedin.com/in/mosafdar

## WORK EXPERIENCE

### Campus Ambassador Arbisoft

10/2023 - 06/2024

Arbisoft is software Development Company that provides innovative & reliable solutions to clients around the world.

- Planned & executed two tech workshops, one recruitment drive, two seminar, and mock interviews at GC University.
- Boosted student tech awareness by **60%** and engaged Arbisoft's social media with highly effective marketing strategies.
- Influenced a community of **350 students**, providing unparalleled guidance and support with seamless communication channels.

### Career-Prep Fellowship Amal Fellowship

10/2023 - 02/2024

Education Startup funded by **Stanford University** that teaches professional skills to students and corporation.

- Completed a competitive written application and interview process to be selected from over **5000 applicants** for 3-month fellowship funded by Stanford University.
- Invested **150 hours** to develop business skills (e.g. Communication, teamwork, Can-Do Attitude etc.) that will help me make a deeper impact on the job.

### Artificial Intelligence Trainee National Vocational & Technical Training Center

03/2023 - 07/2023

National Vocational & Technical Training Center is a regulatory body for technical education and vocational training in Pakistan.

- Utilized Python libraries for data analysis on **10,000+** records, unlocking insights to optimize model performance.
- Forged powerful ML models for regression & classification via Sklearn modules, attaining an impressive **95%** accuracy.
- Illustrated data visualization tasks with three skilled team members, using Matplotlib and Seaborn to enhance stakeholder understanding.

## EDUCATION

### Bachelors in Computer Science Govt. College, University, Lahore

07/2020 - Present

3.39/4.0 - CGPA

- Relavant Courses:** PF, OOP, Data Structure, DB, OS, SE, Data Mining, AI, ML.

## PROFESSIONAL SKILLS

Python

OOP

SQL

Data Structure

Agile Development Methodologies

Github

Django

## VOLUNTEER EXPERIENCE

### General Secretary Association for Computing & Machinery 07/2020 - 05/2024

The world's largest educational and scientific society at GC University empowers young minds through technology.

- Organized a series of tech workshops, two conferences, one project exhibition, numerous competitions and seminars at GC University.
- Registered 300+ students** by implementing effective marketing and outreach strategies at a registration booth.
- Led multiple teams and 18 ambassadors from Pakistani universities to attain remarkable success at the **All Pakistan Tech & Art Festival**.

## ACADEMIC PROJECTS

### Tower of Hanoi

Developed a console-based game using two stacks. (Data Structure)

### Tic Tac Toe

Developed a console-based game with a challenging AI opponent to enhance gaming experience.

### Management System

Designed efficient database for University Management System using best practices.

### Marketing Sales Prediction

Successfully predicted marketing sales prices with **95% accuracy**.

## CERTIFICATES

Python

Google

Data Science

IBM