

Shaban Ahmad

Computer Science Student

A result-oriented individual with teamwork, leadership skills, good communication skills, strong Computer Science knowledge, and the ability to code in various languages.



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EDUCATION

Intermediate

GC University, Lahore

Lahore, Punjab, Pakistan

Courses

- Physics, Chemistry, Biology

BS Computer Science

LUMS, Lahore

09/2020 - Present

Lahore, Punjab, Pakistan

Courses

- Computational Problem Solving (CS 100)
- Fundamentals of Computer System (CS 225)
- Software Engineering (CS 360)
- Network Centric Computing (CS 382)
- Advanced Programming (CS 300)
- Introduction to Programming (CS 200)
- Data Structures (CS 202)
- Algorithms (CS 310)
- Databases (CS 340)
- Network Security (CS 5714)

WORK EXPERIENCE

Teaching Assistant

LUMS, Lahore

01/2022 - Present

Lahore, Punjab, Pakistan

The teaching assistant keeps track of the student's progress and guides them to do better by conducting office hours and tutorials.

Achievement

- I worked as a full-time teaching assistant once for Writing and Communication (SS 100) and thrice for Computational Problem Solving (CS 100).

Research Intern

Biomedical Informatics & Engineering Research Laboratory (BIRL), LUMS Lahore

08/2022 - Present

Lahore, Punjab, Pakistan

BIRL aims to address bioinformatics challenges by developing mathematical models, simulation software, and data analysis pipelines.

Tasks

- I worked on designing a pipeline to analyze RNA sequencing data obtained from organisms with a reference genome and annotation.

Peer Ambassador at LUMS (PALss)

LUMS, Lahore

07/2022 - Present

Lahore, Punjab, Pakistan

The role of the Peer Ambassador is essentially to ease the transition to university life for the incoming first-year batch.

Tasks

- I provide social support and advisory services to first-year students.
- I help students develop confidence, good communication skills, a positive attitude, and respect towards their peers.

SKILLS

ReactJS

NodeJS

C/C++ Programming

Python Programming

MATLAB Programming

Cybersecurity

PERSONAL PROJECTS

Your Digital Platform (YDP) to Establish Client-to-Client Connection (06/2022 - 08/2022)

- The project was based on establishing an online platform to connect two compatible skill holders.

Directed Research Project on Cybersecurity of Critical Infrastructures (08/2022 - 01/2023)

- The aim of the project was ethical hacking of critical infrastructure for improvement purposes.

CERTIFICATES

Certificate of Course Completion "Entrepreneurship 101" by NIC Lahore (2021 - 2022)

Through different modules the course aimed to help students learn how to start, design, and practically implement the business idea from scratch.

Certificate of Distinction (DHL : Dean's Honor List) (2020 - 2021)

I was placed on the Dean's Honor List (DHL) for being one of the highest achievers for the session 2020-21.

Certificate of Course Completion "Exercising Leadership: Foundational Principles" by Harvard (2021 - 2022)

This course aimed to teach the students about the thought process of leaders by giving practical examples from the literature.

Certificate of Appreciation by the Center for Business and Society (2021 - 2022)

I got this certificate for my services in arranging the third international interdisciplinary conference on gender, work, and society.

Token of Appreciation by the LUMS Student Council (2021 - 2022)

I got this certificate for being one of the best members of the LUMS Student Council for the session 2021-22.

Token of Appreciation by the IEEE LUMS Student Chapter (2021 - 2022)

I got this certificate as a token of appreciation for my services in arranging the flagship event "CodinGuru" of the IEEE LUMS.

Certificate of Course Completion "MATLAB Onramp" by MathWorks (2020 - 2021)

This course aimed to develop MATLAB Coding skills and environment to analyze science and engineering data through different modules.

LANGUAGES

English

Full Professional Proficiency

Urdu

Native or Bilingual Proficiency