

# Muhammad Asad Ullah

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GitHub: <https://github.com/asad-ullah321>

## EDUCATION

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2020 (In Progress)	<b>Bachelor of Computer Science,</b> FAST National University of Computer and Emerging Sciences, Pakistan CGPA 3.67/4.0
2018-2020	<b>Intermediate in Pre-Engineering,</b> NJA, Pakistan Marks: 939/1100 (85.4%)
2007-2009	<b>Matriculation (Sciences),</b> NHSS, Pakistan Marks: 939/1100 (85.4%)

## EXPERIENCE

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Sep 2022-Dec 2022	Teacher Assistant, Teaching Assistant under Dr. Muhammad Usama, FAST National University of Computer and Emerging Science, Pakistan
Jul 2022-Sep 2022	Summer Intern, 3 months internship as a Front-end Developer, Microslush, Lahore, Pakistan
Sep 2021-Dec 2021	Teacher Assistant, Teaching Assistant under Prof. Saqib Hayyat, FAST National University of Computer and Emerging Science, Pakistan

## ACADEMIC ACHIEVMENTS

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- Received Silver Medal in Fall semester 2021.
- Enlisted in Dean's List Fall semester 2020, Fall semester 2021, Spring Semester 2022, and Fall semester 2022.
- Achieved Distinction award for best subject result in Agha Khan Examination Board 2018.

## ACADEMIC PROJECTS

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- **DocAdvisor:** React JS, Node JS, Express JS, and MySQL  
A web-based application to help both patient and doctor. Application automated the process of appointment booking
- **Hostel Management System:** C# and Oracle  
Desktop based application automates the processes of Hostel Management.
- **Hybrid Chaining Model Using AVL and BST Tree:** C++  
Data structure project which uses combination of AVL and BST trees to reduce time complexity.

## AREAS OF INTEREST

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- Backend Development
- Blockchain and Web 3.0

## SEMINARS AND WORKSHOPS

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- Attended *International Conference on IT and Industrial Technologies* in October 2022.
- Attended *Pakistan IT Professionals Conference* in November 2022

## ACADEMIC SUBJECTS OF INTERESTS

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- Programming Fundamentals
- Data Structures
- Computer Organization and Assembly Language
- Design and Analysis of Algorithms
- Web Programming

## PROFESSIONAL SKILLS

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- React JS
- Node JS
- Express JS
- Redux JS
- Git and GitHub
- C++
- Assembly Language x8086
- Python

## EXTRA CURRICULAR PARTICIPATION

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- Organized Web development workshop as Head in 2023
- Worked in DAIRA event as Team Head in 2023
- Participate in multiple Coding Competition in multiple universities in 2020 and 2021
- Participated in Fund Raising for underprivileged student as volunteer in 2022
- Participated in Cleaning Drive as Volunteer multiple times in my Hometown

## INTEREST AND HOBIES

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- Technology
- History
- Current Affairs
- Gaming