

MUHAMMAD AHMAD

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EDUCATION

2020-Cont.	BS Computer Science FAST-National University of Computer and Emerging Sciences, Chiniot Faisalabad, Pakistan CGPA 3.11/4
2018-2020	Intermediate in Computer Science Punjab College of Science, Faisalabad Marks 956/1100 (86.90%)
2016-2018	Matriculation in Computer Science Wisdom House School System, Faisalabad Marks 1043/1100 (94.81%)

ACHIEVEMENTS

- Winner of Speed Programming in 2022
- Runner up of Speed Programming in 2021
- Enlisted in Dean's List for semester Fall 2020
- High achiever award Board of Intermediate and Secondary Education Faisalabad, in 2018
- 2-year Scholarship Winner of Punjab College of Science, in 2018

ACADEMIC PROJECTS

- **Rural Med:** React-Native, PostgreSQL, and Express JS
This system optimizes the delivery mechanism of goods (medical, agricultural and veteran) in the rural areas.
- **Bike Rental System:** React JS, Material UI, HTML/CSS and Javascript
This system automates Rental management of bikes in real world.
- **Personal Portfolio:** React JS and Material-UI
This personal portfolio showcases my introduction and projects in a sleek and interactive website design.
- **Hybrid Chaining Model:** C++ and BGI
This system solves the problem of collision in Hashing with enhanced search speed.
- **Multithreaded Web Crawler:** C++, Curl, Linux
This system extracts hyperlinks from webpages using multithreading.

AREAS OF INTEREST

- Web Development
- Data Science
- Mobile App Development

SEMINARS AND WORKSHOPS

- Participated in *International Conference on IT and Industrial Technologies* in October 2022
- Organized a Session on Problem Solving in *ACM Student Chapter's Meeting* in November 2022
- Organized *Speed Programming Competition* in March 2022
- Participated in *Pakistan IT Professional Conference* in November 2021

ACADEMIC SUBJECTS OF INTEREST

- Programming Fundamentals
- Object Oriented Programming
- Data Structures
- Web Engineering
- Advanced Programming
- Software for Mobile Devices
- Data Science

PROFESSIONAL SKILLS

Programming

- C++
- C#
- JAVA
- Python
- JavaScript
- HTML/CSS
- Material UI
- React JS
- Node JS
- Express JS
- React-Native
- Redux

EXTRA CURRICULAR PARTICIPATION

- Participated in DAIRA event as Co-Head in 2022.
- Participated in DAIRA event as Security Member in 2021.
- Participated in quiz competition at college in February 2020.
- Participated in debating challenge at school in 2018.
- Participated in a stage play at school in 2017.

INTEREST AND HOBBIES

- Writing
- Reading
- Watching and Playing Sports