

# MUHAMMAD AHMAD

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## EDUCATION

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2020-Cont.	<b>BS Computer Science</b> <b>FAST-National University of Computer and Emerging Sciences,</b> Chiniot Faisalabad, Pakistan CGPA 3.15/4
2018-2020	<b>Intermediate in Computer Science</b> <b>Punjab College of Science, Faisalabad</b> Marks 956/1100 (86.90%)
2016-2018	<b>Matriculation in Computer Science</b> <b>Wisdom House School System, Faisalabad</b> Marks 1043/1100 (94.81%)

## EXPERIENCE

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Aug 22 - Jan 23	<b>Teaching Assistant of Programming Fundamentals</b> FAST- National University of Computer and Emerging Sciences, Chiniot Faisalabad, Pakistan
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## ACHIEVEMENTS

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- 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

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- **Bike Rental System:** React JS, Material UI, HTML/CSS and Javascript  
This system automates Rental management of bikes in real world.
- **Hybrid Chaining Model:** C++ and BGI  
This system solves the problem of collision in Hashing with enhanced search speed.
- **Number Crush Game:** Assembly Language  
This is a game with tiling and user has to match same tiles for max score.
- **Flex Management System:** C++ and SFML  
This system automates the teacher and student management in FAST-NU.

## **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

## **PROFESSIONAL SKILLS**

### Programming

- C++
- C#
- JAVA
- Python
- JavaScript
- Assembly Language
- HTML/CSS
- Material UI
- React JS
- Redux
- Firebase
- Dart

## **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