

# Mirza Murad Baig

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## Objective

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An energetic and motivated Computer engineer having a professional experience in Academic Sector Now I am looking for an opportunity in a well reputed organization for continued professional grooming and advancement of my skills and abilities.

## Education

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Qualification	From	YEAR
MS Computer Engineering	CEME NUST Rawalpindi	2017-2021
BSc Computer Engineering	Bahauddin Zakariya University Multan	2009 – 2013
FSc Pre Engineering	Punjab Group of Colleges Multan	2007 – 2009
Matriculation	The Public School Multan, Pakistan	2005 – 2007

## Technical Skills

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Vivado HLS (High level synthesis)

C#

MATLAB

C++

MS Word/Excel/PowerPoint

Database Management system

## Professional Experience

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1. Visiting lecturer at M. Nawaz shareef university of agriculture, Multan.
2. Visiting lecturer at M. Nawaz shareef university of engineering and technology, Multan.
3. Senior Lecturer at The Sahara college, Narowal.
4. Lecturer at IRAS Multan.
5. IT Teacher/Gradebook Coordinator at Beaconhouse School System Multan.
  - Computer Teacher
  - ERP Coordinator
  - ICT
  - Office Work
  - Surveyor for annual progress

## Interests

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- Computer Games.
- Cricket and Football.

## Abilities

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- Well-organized and high-quality worker.
- Capable and flexible to work under aggressive project timelines.

- Able to work on all technical aspects of the project.
- Good communication skills.
- Possessing high degree of determination and enthusiasm.
- I respect seniors, believe in healthy competition.
- Enjoy working as a team member

## **Projects**

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- Implementation of FCM (Fuzzy C Means classification) algorithm on MPSOC.
- Hand Gesture recognition using K-Nearest Neighbor Classification Method.
- Implementation of K-NN classification Method on MPSOC (Multiple System on Chip), Giving faster results as compared to implementation on Matlab.
- Implementation of A Novel Architecture for K-Mean Clustering Algorithm in Verilog.
- An Optimized RR- Scheduling Algorithm for CPU Scheduling.
- Compressing High Resolution images using deep Neural Network.

## **Industrial visit**

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- Nestle Pakistan Pvt. Ltd. (Kabirwala Plant) On PLCs (Programmable Logic Controllers).
- Shamim and Company PVT Limited PEPSI.