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# Sidra Masood

NED University of Engineering & Technology, Karachi

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## Objectives

- To develop my skills in the practical field & have a position in the respective area.
- To deliver the best and accurate hard and soft information within the same rules and laws.
- To work in an organization where I can utilize my abilities for the development of organization

## Education

- 2019 – to date  
**Ph. D (Computer Science and IT)** **In Progress**  
NED University of Engineering & Technology, Pakistan
- 2009-2012  
**M.E. (Communication Systems & Networks)** **GPA 3.4 / 4.00**  
Mehran University of Engineering and Technology, Pakistan
- 2005–2008  
**B.E. (Software)** **82.39%**  
Mehran University of Engineering and Technology, Pakistan
- 2002-2004  
**H.S.C. (Computer Science)** **74% (A Grade)**  
Govt. Nazareth College, Hyderabad, B.I.S.E., Pakistan
- 2000-2002  
**S.S.C. (Science Group)** **80% (A1 Grade)**  
Piggott Memorial Girls High School, Hyderabad, B.I.S.E., Pakistan

## Work Experiences

- July, 2016 – To Date  
**NED University of Engineering and Technology, Karachi**  
Lecturer
- July, 2014 – June, 2016  
**Mohammad Ali Jinnah University (MAJU), Karachi**  
Lecturer
- January, 2012 – May 2014  
**SZABIST, Hyderabad Campus**  
Lecturer

## Conference & Research

- **A Novel approach to noise minimization in multimedia signals using wavelet transform** presented in International Conference on Business & Management (ICBM) on 28-29 November, 2015 at Mohammad Ali Jinnah University, Karachi

- **ME Thesis**

**Title:** De-noising based on Wavelet Transform

**Details:**

In this thesis, I write a software program to de-noise the image using a wavelet transform. The thresholding strategy is used to address the issue of image recovery from its noisy counterpart.

- **BE Thesis**

**Title:** Synergy of ISO and CMMI

**Details:**

This thesis discuss the gaps in the processes of an ISO organization with respect to the CMMI and how an organization can move from ISO to higher levels of the CMMI, it examines how the two standards relate. We have essentially mapped clauses of ISO 9001:2000 to CMMI key practices of level 2 and 3.

## Reports and Projects

- **Project in Visual Basic.**  
This project is made for a library management system. It has all the attributes that any management software can have and can carry out all the management operations.
- **Project in Java**  
This project is a Matrix Calculator to calculate Matrix functions and operators. You easily perform addition, multiplication, inverse operations in it.
- **Project in Asp.Net**  
Static Website for The First Microfinance Bank can only be used by Microfinance Officer, to fill the information about the clients who asked for loan. In the project we used C# and the backend used SQL for Database.
- **Report on Mehran University Website**  
A report written about Mehran University for Quality Assurance using Black Box Testing.
- **Project in 3DMovie Maker**  
This project was a multimedia project in which we made a cartoon movie having animations and sound in it.
- **Project using Matlab**  
This project is to present the small scale application in Matlab.
- **Project in C++**  
This project is to design a graphical clock working on system time.

## Computer Skills

- Microsoft Office
- Programming Languages (C, C++, C#, Java, JSP, Visual Basic, HTML, XML, and Assembly).
- Databases(Oracle 9i, SQL Server 2005)
- Operating Systems (Microsoft Server 2003, Microsoft Windows 9x series, Microsoft Windows 2000, Microsoft Windows XP Professional/Home).
- Technologies & Frameworks ( AJAX, Asp.Net 2.0)
- Graphic Tools (Flash, 3D Max, Adobe Photoshop, Paint Shop Pro,3D Movie Maker, Sony Vegas video Editor)
- Practical knowledge and awareness of programming strategies (Net beans, Visual Studio, Mat lab, Rational Rose, Auto CAED)

## Internships

- July- Sep 2007  
**Click Fast Technologies**, Hyderabad
  - Worked on developing websites using ASP.Net 2.0.
  - Tool used Visual Studio, SQL Server 2005.
- April,2010– May , 2011  
**M.U.E.T**, Jamshoro  
Lecturer

## Membership

- Pakistan Engineering Council **COMP/6692**

## References

Would be furnished on request.