

# Maryam Mehmood

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DOB: 03/02/1990

## PERSONAL SUMMARY

I am a confident and self-motivated individual and have the ability to work towards deadlines and show pride in producing high quality work. I actively share my knowledge, experiences and feedback. I am able to adapt in a fast changing environment showing flexibility that includes working unsociable hours. I am an excellent communicator, with good organizational skills, demonstrating the ability to work well in a high-pressure environment and I am able to make use of these skills successfully within any working environment. Keen and forwarding suggestions for improvements. Enjoy challenges and have good communications skills.

My objective is to learn from experience and rise to eminence by joining an organization offering me opportunities for professional and personal growth and to lead the way towards hard work by exploring and to experience professional environment.

## ACADEMIC QUALIFICATIONS

PhD, Computer Software Engineering, specialization in Machine Learning

**E&ME, NUST**

**2019- Synopsis approved with one research publication (3.67/4.0)**

***Supervised by,***

*Dr. Ahsan Shahzad*

*Assistant professor*

*Software Engineering Department*

*EME, NUST*

***Research Topic:***

*A Deep Learning Framework for Aerial Image Analysis*

Masters of science (software engineering)

***Bahria university Islamabad, Pakistan***

***2015-2017 (CGPA: 3.50/4.00)***

A research based work and study in the field of software testing, where a light weight TMMI was proposed and implemented in small scale software development companies.

***Supervised by,***

*Dr. Tamim Ahmed khan*

*Head of department*

*Software Engineering*

*Bahria, University, Islamabad, Pakistan*

Bachelors of science (Software Engineering)

***Mirpur university of science and technology (MUST), Pakistan***

***2008-2012 (CGPA: 3.56/4.00)***

## WORK EXPERIENCE

**Organization:**

**Software Engineering, Mirpur University of Science and Technology (MUST), Pakistan**

**Position:**

Laboratory engineer January 2019-august 2022

Laboratory-supervisor - September 2014 – January 2019

The role provided various challenges. I developed ability to work in a team, communication and problem solving skills.

My duties included but not limited to:

- Establishing and conducting laboratories for undergraduate students
- Teaching courses to undergrad students
- Supervising final year projects of undergrad students
- Establishing and managing library related activities.
- Session advisor for undergrad students

**KEY SKILLS AND COMPETENCIES**

- Positive student
- Excellent communication
- Hardworking and Self Believer
- Can work under pressure and meet strict deadlines
- Customer and organizational awareness
- Ability and willingness to learn
- Good problem solving skills
- Willing to work in a team or individual when required

**IT Skills**

Windows, MS-Office, C++, programming skills include (Visual Studio .NET Framework for C#, SQL Server Express, VHDL, ASP.Net), MATLAB, Python

**Projects and Reports**

1. **Challenges of small-scale mobile application development companies in Pakistan**  
A research-based work and study in the field of software testing, where a light weight TMMI was proposed and implemented in small scale software development companies.
2. Implementation of University admission system as final year project.

**Research**

1. Mehmood, M., Shahzad, A., Zafar, B., Shabbir, A., & Ali, N. (2022). Remote Sensing Image Classification: A Comprehensive Review and Applications. *Mathematical Problems in Engineering*, 2022.
2. Mehmood, K., & Mehmood, M. (2021, December). Distributed Self-triggered Optimization for Multi-agent Systems. In *International Conference on Intelligent Computing & Optimization* (pp. 145-154). Springer, Cham.

**\*Reference will gladly be furnished on demand.**