

Maryam Masood

maryammasoodpk09@gmail.com • 923038018095
www.linkedin.com/in/maryam-masood-694b412a8

Motivated Computer Science student at **FAST NUCES Islamabad** with a solid foundation in programming and algorithms. Proficient in C++, C#, Java, and Python, with hands-on experience in app and game development. Demonstrates strong analytical skills and a commitment to continuous learning. Eager to apply technical expertise and innovative thinking to real-world challenges in the tech industry.

Education

BS CS, August 2022 — August 2026
Fast NUCES , Islamabad

ICS, June 2020 — May 2022
Scholars Science College, Wah Cantt

Matric, May 2018 — May 2020
Margalla Grammar School, Wah Cantt

Technical Skills

Programming Languages

Proficiency in languages like C++, C, C#, Java, Python, Assembly Language, Dart

Data Analysis

Skills in analyzing data sets using tools like Excel, SQL, MongoDB

Software Proficiency

Visual Studio, IntelliJ, Eclipse, MATLAB, Proteus, Microsoft Office

Cybersecurity

Junior Pentester Certification from TryHackme

Projects

App Development

Mobile Application using Flutter (DEI Toolkits App)

Desktop Application (E-Voting System) using Java

Desktop Application (Gym Flex Trainer) using C#. Backend using C# and frontend using Asp.NET . Database : SQL SERVER

File Management System

Interplanetary File System using Data Structures(B-Trees)

MultiThreaded Game

Designed a multithreaded pacman game in Operating Systems Course

Game Development

Tetris using C++ and SFML graphics

Pacman using C++ and SFML graphics

Pacman using Assembly Language

Hangman using C++

Space Shooter using C++ (Object oriented)

Tic Tac Toe using C++

Internships

App Development at IKNEX LAB, Islamabad

June 2024 — September 2024

I developed the **DEI Toolkits App**, launched on October 22, 2024, by MARC at FAST NUCES. This app is designed to support DEI practitioners with a comprehensive suite of resources, offering 47 practical tools, 30 solutions for common DEI challenges, and 12 training modules featuring over 40 resources, including videos, activities, and discussion guides. Developed over three years of research, the app empowers users to create impactful, inclusive, and equitable environments.

Soft Skills

- Problem solving
- Computer Skills
- Critical thinking
- Leadership and Teamwork
- Fast Learner

Extra Curricular Activities

Debater, Wah Cantt

Consistently secured top positions in debate competitions at school and college levels, including inter-college and inter-city events.

Hosting, Wah Cantt

Organized and hosted over 7 school and college events, enhancing skills in event management, coordination, and audience engagement.