

Mahnoor Maleeka Shahzad

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Objective	Seeking a challenging and growth-oriented position in a dynamic company where I can utilize my skills and knowledge and also contribute to the growth of the organization while gaining hands-on experience in the industry.		
Education	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology (GIKI)	Topi, PK	2020 - 2024
	Bachelors of Science in Computer Engineering CGPA: 3.34/4.00		
Work Experience	Robotics Head, Team Technobolt Worked as a member of a robotics based team, contributing to the design, construction, and programming of robots. Assisted in the development of algorithms for robot navigation and control.	Topi, Pakistan	01/2022 - Present
IIOT & Power System Intern, Zimco International Completed an internship in the field of Industrial Internet of Things (IIoT) and Power Systems. Worked on project involving the integration of IIoT technologies in power systems to improve efficiency, reliability, and safety by developing a simulation of Control Panel.			Karachi, Pakistan 09/2021 - 11/2021
Supply Chain Management Intern, ZIMCO International Corporation Participated in a hands-on internship program in the field of Supply Chain Management. Assisted in the analysis and optimization of various supply chain processes to improve efficiency, reduce costs, and increase customer satisfaction.			Karachi, Pakistan 02/2022 - 06/2022
Academic Projects	Website (Find Yourself a Mentor) Developed a website as part of an academic project of database where the freshies can find themselves a mentor. Utilized HTML, CSS, and JavaScript to create a visually appealing and user-friendly website. ->Front end: 1. Java script. 2. HTML 3. CSS. ->Back end: PostgreSQL. Election Management System Developed an Election Management System in C++ as part of an academic project. Implemented advanced data structures such as linked lists to store and manage election data, ensuring efficient and reliable operation of the system. Chatbot about Sports Developed a chatbot that used deep learning algorithms to provide users with information about sports. The chatbot was designed to be user-friendly and interactive, allowing users to ask questions about sports and receive informative and accurate responses. Crash Bandicoot in C++ using SDL Created a 2D side-scrolling platformer game with smooth fps based on the popular video game series, "Crash Bandicoot," using C++ and SDL library. Implemented various features using OOP concepts. 18 DOF Hexapod Designed and constructed a hexapod robot with 18 degrees of freedom using servo motors, microcontroller, motor drivers, and a battery power source. Designed a compact chassis, providing valuable experience in robotics and control systems. Multispectral Image Analysis using PCA Conducted comprehensive analysis, data preprocessing, and visualization to interpret spectral characteristics. Demonstrated expertise in image analysis and statistical techniques. Wander World - SRS Document Created SRS document with UMLs for Wander World app, ensuring seamless user experience. Collaborated with stakeholders, documented requirements, and utilized UML diagrams for system modeling.		
Awards & Achievements	<ul style="list-style-type: none">- Figure 8 Winner, NEO'22 by IEEE- Service Community Certificate, WES GIKI- Dean's Honor List, GIKI- Amazon Seller Virtual Assistant Training Completion Certificate, GIKI		
Skills	<ul style="list-style-type: none">- Programming Languages: C/C++, Python, HTML, CSS, Java, Assembly, MATLAB, VHDL, SQL- Programming Tools: Creo, Ni Multisim, Proteus, Keil, MP-Lab, Oracle, Arduino, Xilinx, Ubuntu, Visual Studio Code, Anaconda- Tools: Microsoft Word, Microsoft Access, Microsoft PowerPoint, Microsoft Excel, Canva, Visual Paradigm- Interpersonal Skills: Team Leadership, Management, Presentation Skills, Liaisoning, Problem Solving, Communication, Convincing, Team Work		