

Objective	An aspiring electrical engineer, a keen learner and a science enthusiast seeking opportunities where I can use my academic and extracurricular skills and experiences to add value to any project while broadening my own intellectual horizon.	
Education	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology (GIKI)	Topi, PK 2019 - 2023
	Bachelors of Science in Electrical Engineering(Electronics) CGPA: 2.81/4.00	
	FFC GRAMMAR SCHOOL AND COLLEGE	Sadiqabad, Pakistan 2017 - 2019
	Qualification Grades: 3 B's	
Work Experience	FFC GRAMMAR SCHOOL AND COLLEGE	Sadiqabad, Pakistan 2015 - 2017
	Qualification Grades: 6 A's and 2 B's	
	Internee, Fauji Fertilizer Company	Sadiqabad, Pakistan July 2021 - August 2021
	Technical internship in Instrumentation department of FFC Goth Macchi Branch in which I completed various tasks from presentation projects.	
Academic Projects	Graphic Designer, SnapEx	Sadiqabad, Pakistan August 2021 - November 2021
	Developed social media posts and graphics for website for SnapEx	
	Media Director, DroneTec	Islamabad, Pakistan January 2022
	Is the in charge of all the media and social content activities.	
Awards & Acheivments	Robotics and Automation Chairman, IEEE GIKI SB	Topi, Pakistan June 2022 - Current
	Managed and organized various all technical event on a domestic as well as international level.	
	Blink Detection and Removal Using Machine Learning	
	Using EEG signals and extracting components using independent component analysis we had to extract its characteristics before and after blink removal. Using these characteristic and Machine Learning, we created an algorithm that detected blinks in EEG signals with a 75%+ accuracy and removes them. The entire project was done using MATLAB.	
Skills	Single Phase Step Down Transformer	
	Calculated and constructed a 1 KVA single phase step down transformer which step down 400 V to 12 V.	
	Temperature Operated Door Lock System	
	Using digital signal conditioning created a circuit that checks the temperature of a person at the entrance and only opens the door lock if the body temperature is within normal range. The project was made using Audrino, temperature sensor, ultrasonic sensor, relay and LCD unit.	
Skills	Stop Watch and Timer using PIC18f4550	
	By using PIC18f4550 interfaced a stopwatch and timer circuit which was coded with machine Language.	
	Audio Visulization System	
	Developed a audio visulization system projects audio frequency in form of visual lighting.	
Skills	Circuit Tester	
	Developed a circuit tester which test for any breaks or short circuits in the circuit implementing BJTs and FETs.	
	- Event Head at IEEE GIKI Student Branch	
	- GIKI Tennis Captain.	
Skills	- Level 2 seller on Fiverr. in the area of Graphic Designing.	
	- Organized several robotics events as an active member of IEEE GIKI at national level.	
	- Programming Languages: Python, HTML5, CSS, SQL, C /C++, MATLAB, Assembly	
	- Operating Systems: Windows, Linux	
Skills	- Professional Softwares and Tools: Visual Studio, MATLAB, Git, Pycharm, Atom, LATEX, LABVIEW , Proteus, Multisim, LTSpice, CREO, Arduino IDE, COMSOL, Jupyter Notebooks.	
	- MS Tools: Proficient with Microsoft Word, Excel, PowerPoint and Visio.	
	- Other Tools: Adobe - Photoshop, Premier Pro, Illustrator, After Affects (Video Making & Editing), Canva	
	- Micro Controllers: Arduino and PIC18f4550.	
Skills	- Soft Skills: Excellent Verbal and Written Communication skills , Hardworking , Leadership and Excellent Management skills, Teamwork.	