Tayyab Munir

DETAILS

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TECHNICAL SKILLS

Reactjs
Arm, avr, arduino, atmel
Mongodb, express, node.js
Python, tensorflow/keras

SOFT SKILLS

Analytical thinking
Reasoning and resilience
Team management skills
Entrepreneurial skills
Proteus, pcb designing
Verbal communication

Reference

To be furnished upon request.

Professional Profile

I want to bring my knowledge into practice. I want to develop some practical skills and also to get some experience in the professional industry.

Internship Experience

Projects

Open Source Impedance analyzer using Raspberry pi

In the project the basic engineering knowledge of coding and electronics gained in four years was applied in the project. Furthermore, the impedance of piezoelectric material was also measured and it was used in monitoring the health of structures.

5 Level Cascaded H-bridge Inverter using Mosfets

In the project simple 5v dc voltage was converted to 10V AC voltage with 5 levels. The timed switching of mosfets was done by controlling its gate signal from arduino.

Fast Fourier Transform in making Low, High and Bandwidth Filters.

In the project Fast Fourier Transform was used to remove unwanted frequencies in a given signal.

Education

Bachelor of Mechatronics Engineering

College of Electrical & Mechanical Engineering (CEME) , 3.22 (In progress)
Mechatronics

National University of Sciences and Technology, Ceme Nust , 3.22 (2022)