



Aqib Safi
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Bearing strong academic background with ambition for learning, I seek a challenging career that gives me a chance to prove my technical, intellectual and managerial abilities, polishes my skills and adds a plus to my professional achievements.

EDUCATION

Master Of Science in Electrical Engineering. Air University, Islamabad (Pakistan).

09/2018 - 09/2020

CGPA (3.32/4.00)

Courses

- Advance Power Electronics.
- Power Electronics For Power systems.
- Renewable Energy production & Transportation.
- Slide Mode Control.
- Linear Systems .
- Neuro Fuzzy Control.
- Power System Operation and Protection.
- Stochastic Process.

B.Sc. Electrical Engineering (Electronics). Federal Urdu University Of Arts , Science & Technology, Islamabad (Pakistan)

10/2014 - 07/2018

CGPA (3.19/4.00)

Courses

- Basic electrical Engineering & Circuit.
- Digital System Design.
- Signal and Systems.
- Embedded System Design.
- Electronics.
- Electrical Machine.
- Linear Control System.
- Power Electronics.

ACADEMIC PROJECTS

A Self balancing Bicycle.

- Using Dc motor & step motor in the Project we have designed is full self balanced we have removed all the flaws and now the cycle will be balanced even in full speed, it will balance itself without any external support or force.

Assessment OF Hybrid Renewable Energy System for Power Generation for Village Using HOMER

- Using Of homer and assessed the feasibility analysis and study of integrated renewable energy(IRE) using solar photovoltaic(PV) and wind turbine (WT) system.

WORK EXPERIENCE

Network Administrator (Intrenees PCSIR). Peshawar PLC.

00/2023 - Present

Islamabad, Pakistan

- Looking after and Supervising the Network of Station.
- Do their Proper Documentation and send the report to Head office.

Visiting Faculty Member(VLE). Bahria University, Islamabad Pakistan.

05/2023 - 07/2023

Embedded System Design Lab.

- Introduction to Arduino and Implementation of Hardware.
- Introduction to Rtos, FreeRTOS & Implementation of Hardware.
- Multitasking, Scheduling and Interrupt Handling in Rtos.

SKILLS

Ms office

Proteus

C/C++

MATLAB

PLC

FPGA

VLSI

Numerical Analysis

Data Analysis

DSD

Simulink

Arduino

RESEARCH AREA (HARDWARE-IMPLEMENTED)

A Fuzzy Logic Controller Based charging scheme for multi cell lithium ion battery.

Using Fuzzy logic decrease in charging time assists in the fast charging of cell phones and notebooks and in the large-scale deployment of EVs. Increase Battery life cycle..

AREA OF INTEREST

Introduction to Computing(oops).

Basic C++ Programming based Lab course for engineering students.

Electronics.

Basic LAB course theory as well as Hardware .

Signals & Systems.

MATLAB-based continuous and discrete time signal and system analysis in different domains.

Digital System Design.

Hardware-based Implementation of different combinational and sequential logical circuits like decoder, multiplexer, flip-flops, registers and RAM etc.

Microprocessor Based Systems.

Introduction to 89552 & led interfacing, 8051 programming in c, 8051 interrupt programming.

Digital Signal Processing.

MATLAB-based Signals in Matlab (Continuous time & Discrete time), Discrete Time Systems and its Properties.

Electrical Machine. .

Familiarization with Dc motor & Dc generator (MG-5211).

Industrial Electronics.

Introduction to PLC'S, Timer Using PLC'S.

LANGUAGES

English.

Professional Working Proficiency

Urdu.

Professional Working Proficiency

Pashtu.

Native or Bilingual Proficiency