Engr.Hamza Farooq

Electrical Engineer

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Career Objective

To work in a dynamic environment which helps me broaden my horizons and grow as an individual as well as a professional; simultaneously helping me actualize my potential, both as a team player and as a leader while adding value to the society.

Personal Information

Nationality   Pakistani

Date of Birth   13 Dec 1996

Marital Status   Single

Education

The University Of Lahore (Islamabad Campus)

Bachelors of Science in Electrical Engineering (2013-17)
CGPA: 3.13/4.00
Pakistan Engineering Council (PEC) Registration No : - 66244

Academic Projects

- **Circuit Analysis**
  Street light using Light Dependent Resistor

- **Network Analysis**
  Bar graph display using Thermistor

- **Signal and Systems**
  Frequency Wave Generator Using MATLAB (GUI)

- **Object-Oriented Programming**
  Hostel Management System

- **Micro Controller 8051**
  Attendance control using RFID

- **Communication Systems**

- A-M Modulation & De Modulation using MATLAB

Final Year Project

Intelligent Energy Management System

Our goal was to minimize the use of electricity in University class rooms by using different sensors which controlled the electricity(lights, fans, air -conditioned) in class rooms only when required and it was all monitored and controlled by an android app.

Technical Skills

* C++
* MATLAB
* Simu-link (MATLAB)
* AUTOCAD
* Kiel U-vision
* Micro-controller 8051
* PCB Fabrication
* PLC & SCADA
* MS-OFFICE (Ms-Word , Ms-Excel , Ms-PowerPoint)

Interpersonal Skills

* Strong Leadership & Presentation Skills.
* Collaborative Problem Solving & Organizing.
* Ability to thrive under pressure.
* Excellent Team Work qualities.
* Fluent in English, Urdu.