

# ABDUL SAMI

abdsami592@gmail.com  
+92 (309) 3850472

## Address

House# 273 Engro Management Colony  
Daharki district Ghotki, Sindh  
Pakistan

**Objective** As an ambitious and driven undergraduate Electrical Engineer, seeking a co-op or internship position in a dynamic company where I can gain hands-on experience, develop my technical skills, and apply my academic knowledge to real-world projects while contributing to the success of the organization

**Education** **Ghulam Ishaq Khan Institute of Engineering Sciences and Technology (GIKI)** Topi, PK  
Bachelor of Science in Electrical Engineering(Electronics)  
CGPA: 2.87/4.00  
2020 - 2024

**Engro College Daharki** Daharki, Pakistan  
FSC (PRE ENGINEERING)  
Grades: 7 A\* 1A  
2018 - 2020

**Engro Model School** Daharki Pakistan  
Matriculation (Science)  
Grades: 6 A\* 2A  
2016 - 2018

**Work Experience** **Engro Fertilizer Limited** Daharki, Pakistan  
Instrumentation intern at Ammonia ii plant  
The internship program covering different areas of instrumentation and Control System of the facility.  
.Attended 3-Day health and Safety (HSE) Training.  
a) Knowing Emergency siren code and own role statement.  
b) Knowing the use of PPEs (Personal Protective Equipment) and safety equipment, such as full face mask, comfo-mask face shield, fire suit and eye washing fountain.  
.Field Instrumentation.  
a) Studied instrumentation manual regarding pressure, temperature, flow sensors and measurements.  
b) Conducted comprehensive engineering audit and calibration of temperature and pressure sensors at plant site.  
Control System  
a) Introduction to PLCs.  
b) Introduction to DCS Yokogawa with loop testing towards the field.  
c)Has observed the working system of Bently Nevada 3500 Vibration Monitoring system on the running plant  
.Project  
a) I was assigned to check the analog and digital control loops of The new Yokogawa DCS and the existing Honeywell DCS Simultaneously

**Academic Projects** **Step down distribution transformer**  
A shell type transformer was designed on the assigned ratings of input voltage to different output ratings voltage using a silicon steel as a core in the transformer. The testing procedure of the transformer was done .

**Function Generator**  
The objective was to made a function generator having the sin ,square ,triangle wave to be generated on different off-sets. The main component of IC's was used is LM-324 and some passive components.

**Car parking System using servo Motors and Arduino**  
It was the instrumentation based project in which the car parking system project was designed as well as it tells the number of slots which are empty in the parking slot The IR proximity sensor was used to detect the free slots of the parking. Servo motors were used which was running on the Arduino which was used as a barrier to allow the car to enter or exit. Led was placed on the entrance which is serially bit connected to the IR sensors on which the parking slot number were displayed.

**Awards & Achievements**  
- Participated in the NEO22 and was runner up in the event.  
- Has got a 2nd Position in the International Kangaroo Linguistic Contest (IKLC) in the provincial level  
- Has been selected as Squash player in the Official university team  
- Selected as Head-Boy in the college  
- The project was selected as best in the science exhibition  
- Certified by the math works (Matlab) Simulink software.  
- Has organized the different society events.  
- Had done the medical internship in the clinic for the First Aid.

**Skills**  
- LT-Spice  
- MATLAB (Simulink)  
- TRICONEX Distributed Control System (DCS)  
- Bently Nevada 3500  
- Altium Design

- Lab View
- Proteus
- Multisim
- Team Work and leadership
- Microsoft office
- Problem solving
- Excellent communication skills
- Self motivated and time management