Muhammad Areeb khan

Electrical Engineer

areebaug95@gmail.com
+923474053700
house no C-1 , PTCL officers colony , sector G-7/4 , Islamabad, Pakistan

Looking for a challenging position in a dynamic working environment to develop my skills and professional attitude in the best benefit of company

EDUCATION

Bachelor in electrical engineering specialization in POWER
AIR university , PAF complex E-9, Islamabad
09/2014 – 06/2018 *GPA 3.42*

Courses
- Final year project
- synchronization of renewable energy source with AC grid

Higher Secondary School Certificate
Bahria college , Naval Complex E-8 , Islamabad
2012 – 2014 *Marks 896/1100*

Secondary School Certificate
APSACS , ordnance road , Rawalpindi cantt
2010 – 2012 *Marks 976/1050*

WORK EXPERIENCE

Internee
National Energy Efficiency and Conservation Authority (NEECA)
06/2017 – 05/2017 *Islamabad*
National Energy Conservation Center (ENERCON) has now been transformed into National Energy Efficiency & Conservation Authority (NEECA)

Achievements/Tasks
- Brick Kiln policy for the Ministry of Climate Change
- Static and Mechanical load testing of PV modules.
- load analysis of solar panels installed at ENERCON
- installation of Transducers at Secretariat building BLOCK A.
- Report on green building program accordance with Pakistan Energy Standards

Contact: Asad Mehmmod – Manager technical ECF (NEECA)

VOLUNTEER EXPERIENCE

Event organizer
AIRTECH , AIR university

Event volunteer at ICIMOD
ministry of climate change

Volunteer at UNDP Green building program

Volunteer at conference on Mitigation analysis for climate change communications

SKILLS

MATLAB | PYTHON | C++ | Microsoft Office | Teamwork | Communication skills | Logixpro 2000 | Assembly language | Altium | Codeblocks | Visual studio | Power world | CISCO packet tracer | Rasberry pie | 8051 microcontroller

PERSONAL PROJECTS

Buck and boost converter
- for regulation of voltage from renewable source for battery charging

SPWM and PWM inverter
- for the purpose of synchoronization

300 watts inverter
- application of PV panels

1-phase to 3-phase power converter
- using microcontroller (switching based converter)

step down tapped transformer
- Iron core laminated transformer for stepping down 220V to 110V and 50v

Parking assist system for vehicles

High frequency transformer
- ferrite core transformer for application of inverter

Networking of computers in 5 floor building
- Cisco packet tracer

audio spectrum analyer

LANGUAGES

English ●●●●●
URDU ●●●●●
Punjabi ●●●●○
Saraiki ●●●○○

INTERESTS

Football | E-Gaming | Painting | Badminton