Umar Farooq

Electrical engineer (power)

Dynamic and skilled engineering professional with extensive knowledge in the field of electrical is looking to work in a core engineering organization as a electrical engineer.

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Chah kharay wala mouza paigah chak no. 2, Tehsil district D.G.Khan Pakistan 📍

October 07, 1994 📅

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twitter.com/UmarChangwani1 🐦

uamarchangwani ⓢ

EDUCATION

B.Sc. Electrical Engineering & Technology

Government College University Faisalabad

09/2014 – 08/2018   *CGPA: 3.49*

Majors

- Electrical Technology
- Digital Logic And Design
- Power Plant Technology
- Fundamental of space and technology
- Power system Protection techniques
- Electrical machines
- Network Analysis
- Electronics I & II
- Power Generation & Utilization
- Power Plant Technology

DAE (Electrical)

Science Institute of technology D.G.Khan

09/2010 – 09/2013   *Marks 2607/3550*

Majors

- Principles of electrical
- Telecommunication
- Transmission Distribution & Protection of electrical System
- AC Machines
- Digital Electronics
- industrial management and Human Relations
- Electrical wiring

Matriculation (Science Group)

 Govt.High School Paigah D.G.Khan

2008 – 2010   *Marks 602/1050*

Majors

- MATHEMATICS
- CHEMISTRY
- PHYSICS
- ENGLISH

SKILLS & COMPETENCE

Skill	Level
Microsoft Word	●●●●○
MATLAB (Simulink)	●●●●○
MATLAB (programming)	●●●●○
Multi-sim	●●●●○
Keil Software	●●●●○
Computer	●●●●●

PROJECTS

Reduction of harmonics in power system on MATLAB
- Different response check voltage unbalance
- Calculate voltage unbalance harmonics
- Different devices response check (PID,BJT)
- Improvement of power factor

Water Level Indication by using Logic Gates
- Indication of high, medium and low water level using logic gates.

Design and Implementation of Variable Power Supply
- Design and Implementation of Uninterrupted Power Supply having Fixed Voltage 5V, 12V, and 24V
- Variable Power Supply 0-24 V

Effect of fault on generator parameter in Simulink
- Unbalance voltage check

Home Remote control fan and lights
- Using remote control to control fan and lights
- Using sensor device ,battery,

Study of different excitation scheme for emergency diesel generator in Simulink
- Different response check AC to DC supply

Design inverter
- Design 12v DC to 220v AC SPMW 1000w invert in multisim

WORK EXPERIENCE

.

Electrical Engineering Intern
D.G Cement Company limited

02/2018 –03/2018   *city: Dera ghazi khan*

Task

   Worked in coal power plant 30MW, boiler section, coal mill, cooling tower, turbine Generator,
Worked in RAW Mill, cement MILL

Electrical Engineering Intern
Thermal Power Plant Muzaffargarh (1350MW)

03/2018– 06/2018   *city: Muzaffargarh*

Northern Power Company limited

   Task

   Worked in Boiler ,FD Fan, ID Fan, oil indicating

   system ,lubrication pumps, cooling tower,

   steam cycle, water treatment,

   220kv switchyard

PROCUREMENTS

Senior Executive Member of Campus Sports Committee (2016 – 2017)

Member of the Environmental Protection Society (2016 – 2018)

Executive Member of Blood Donating Society (2014 – 2015)

CERTIFICATES

Computer short course (05/2010-08/2010)
D.G College of computer science

INTERESTS

Electronics Circuit Designing   Documentation

Team Work   Social Work   Public Dealing

Newspaper reading   information technology

LANGUAGES

English   ● ● ● ● ○

Urdu   ● ● ● ● ●

Saraiki   ● ● ● ● ●