Muhammad Uzair

Electrical Engineer (Power Systems)

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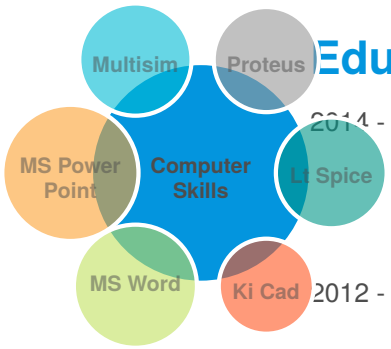
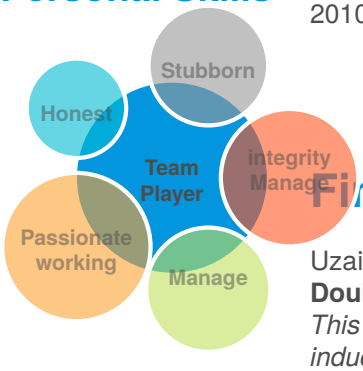
Engineering Skills



Personal Skills



OS Preference

Windows ★★★★★
Linux ★★★★☆

Career Objectives

To pursue in field of Electrical towards new innovations in order to raise the standards of living of society, implementing the theoretical knowledge at my best to achieve goals and mission of reputed organizations positively.

Internship

16-26 Jan'18 **Intern** — People's Steel Mill Ltd
Experienced the different alloy reinforced steel preparation methods and knowledge regarding the heavy machinery related to Electrical (Induction motors) was furnished including the knowledge regarding circuit breakers over high transmission network.

06/17 - 07/17 **Intern** — Karachi Shipyard and Engineering Works Ltd
Experienced the cranes of Karachi port trust and building of the oil tankers and submarines. Electrical maintenance Dept. responsible for running machinery in every condition of weather, high motivation was developed to enhance engineering skills.

Education

2014 - 2018 **Bachelor's Degree in Electrical Engineering** — DHA Suffa University
Specialization: Power System
CGPA: 3.77
Courses : Power System Protection, Electrical Power Transmission, Power Generation, Power System Analysis, Power Electronics

2012 - 2014 **H.S.C in Pre-Engineering** — Bahria College NORE-1 Karachi
Board: BIEK Karachi
Percentage: 73.91
Grade: A

2010 - 2012 **S.S.C in Science** — Bahria College NORE-1 Karachi
Board: Federal
Percentage: 76.38
Grade : A

Final Year Project

Uzair, Waqas, Ammar, Bilal, Kazim
Doubly Fed induction Generator Coupled with Wind Turbine
This project involves the design and fabrication of a wind turbine coupled with a Doubly-Fed induction generator used to produce electrical power. A horizontal axis wind turbine (HAWT) is coupled with a Doubly-Fed induction generator (DFIG). By using DFIG, the generation of power is more efficient. DFIG has many practical advantages as compared to other types of generator used for wind turbines.

Languages

English ★★★★☆
Urdu ★★★★☆
Punjabi ★★★☆☆

Semester Projects

Variable Power Supply (1.5–30 Volts D.C and 2.0 amp Current), Audio Signals Led Flashing, PI / PID Controller, Digital Clock (Microcontroller), Metal detector, Level indicator, Speed and Position Control of a DC motor (with 8091-Controller and Dual SCR bridge)

Honors & Awards

03/2018 **Runner's Up** — Contrivance '18
Ultimate Circuit Design Competition

08/14 - 06/18 **Merit Scholarships** — DHA Suffa University
Secured name in Dean's Honor list

Certifications/Tests

03/2018 **Fauji Fertilizer Company Ltd Test** — National Testing Service Pakistan
Management Trainee Test Scored-66 Marks

2017 **Leadership Development Workshops** — DHA Suffa University

2011 **Genius Visual Intelligence** — Bahria College NORE-1 Karachi

2007 / 2008 **International Kangroo Mathematics Contest** — Bahria College NORE-1 Karachi
Mathematics Contest Benjamins level