



Muhammad Bilal

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Objective

To utilize my education and experience to prove myself worthy and to get appreciated by the work I have done. I don't want to make just living I want to make a difference.

Education

BSC. ELECTRICAL ENGINEERING | APRIL 2018| WARSAW UNIVERSITY OF TECHNOLOGY WARSAW, POLAND

CGPA 4.5/5

Majors:

- Electrical Power
- Electric Traction
- Power electronics
- Electrical LV Distribution design
- High voltage
- Circuit and Systems
- Power Substation Design
- Electrical Measurements and Instrumentations

FSC INTERMEDIATE | JULY 2013 | RAWALPINDI BOARD OF INTERMEDIATE AND SECONDARY EDUCATION (BISE) | RAWALPINDI, PAKISTAN

Experience

PROJECT INTERN

INSTITUTE OF ELECTRICAL ENGINEERING (IE), WARSAW, POLAND

05-2017 till 04-2018

Project Title: Renewable energy substation and power network for villa development

Supervisor: Dr. Engg. Zygmunt Pawelkowicz

Achievements:

- Research, Analytical skills, designing skills
- Team work, cooperation, communication, presentational skills.
- Conceptual design of power network and power substation for renewable energy for villa development.
- AutoCad planning and drafting
- Dimensioning of cable network, substation equipment (Generator set, PV, Transformer, circuit breakers etc.)
- Fulfilling regional and international requirements according to IEC and EN standards.
- Underground MV/LV substation installation cable laying techniques.
- Reliability and economical analysis (done in Homer).
- List of equipment to be installed and techniques for procurement.

INTERNSHIP

RESEARCH INSTITUTE OF POWER ENGINEERING (IEN) WARSAW, POLAND

07-2017 till 08-2017

Achievements:

- Knowledge of standardization of Electrical equipment according to IEC, EN and PN standards.
- Collecting data and analyzing.
- Team work, safety skills
- MS Access database skills.

TECHNICAL SUPPORT

DIEBOLD NIXDORF WARSAW, POLAND

07-2018 till 08-2018

Achievements:

- Remote Technical Support
- Customers service
- Networking
- MS SharePoint, Outlook and other online support softwares.

Skills & Abilities

COMPUTER

- AutoCAD Electrical (Electrical Power network and substation design and drafting)
- Adobe Photoshop
- Adobe After Effects
- MS Office
- Computer Networking C programming PLC programing

OTHER SOFTWARES

- PLECS (plexim) LabView
- Eagle (PCB modeling) Homer (substation design economy analysis)
- MATLAB PSIM
- Agros 2D Proteus

Hobbies

- Making different hobbyist projects, Researching about new tech, Hiking, traveling, 3d modeling and inspiring people with the advancement in technology.

Achievements

- Worked for "Youth Group" Facebook page as inspirational video and photo artist for 1 year (2012/2013).
- Built DIY camera slider rail for videography and presented to junior Engineers (WUT).
- Built DIY 25V power supply from scratch.
- Presentation for Green energy solutions (Environmental Engineering, WUT, Warsaw, Poland)