MAAZ HUSSAIN

ELECTRICAL ENGINEER

PEC REGISTRATION # 60711

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Language: English &Urdu

Location: Karachi, Pakistan

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OBJECTIVE

Dedicated, dynamic Electrical Engineer with a Bachelor's degree ; Looking to obtain an electrical engineer position in an esteemed organization, bringing exceptional ability to handle multiple projects with high professionalism.

PROFESSIONAL EXPERIENCE

Multicon Engineers

Project Engineer   **JULY 2017 till Date**

- Estimate BOQ of Project & Preparation of BOQ Document
- Filling BOQ for projects including cost estimation, procurement and documentation
- Execute the project according to the working drawings or shop drawings
- Float inquires for sub-contract works
- Listening and responding to team, consultant and client requests
- Review of electrical Drawings and load calculations.
- Executing the final commissioning works according to compliance standards.
- Prepare bills for the work completed
- Site visits, surveys and coordination between design engineers and installation teams.

ACADEMIC QUALIFICATION

B.E ELECTRICAL ENGINEERING, (2017)
NED UNIVERSITY OF ENGINEERING AND TECHNOLOGY KARACHI (*CGPA 3.05*)

INTERMEDIATE, (2012)
ADAMJEE GOVT SCIENCE COLLEGE (KARACHI) Result: 82.91 %   *A-ONE GRADE*

MATRICULATION, (2010)
The SET School Result: 87.45% *A-ONE GRADE*

FINAL YEAR PROJECT

PHASOR MEASUREMENT UNIT IN ACCORDANCE WITH IEEE STANDARDS OF MEASUREMENTS (C37.118.1-2011) AND COMMUNICATION (C37.118.2- 2011)

MAIN FEATURES

PMUs are located in power system substations, and gives time stamped measurements of positive sequence voltages and currents of all the observed buses and feeders. The project is established in compliance with IEEE standards of measurements (C37.118.1-2011) and communication (C37.118.2-2011). This apparatus comprises of three units.

- Time synchronization unit, Digitization unit and Data transmission unit.

To achieve time synchronization, we have used NEO 7M GPS module and a real time clock DS3234 Phasor estimation is employed by using DFT algorithm which is executed by employing controller STM32F4 Discovery .The STM controller is also utilized for time tagging and taking samples. STM is also responsible for the data entries and communication of PMU data over the Ethernet using TCP-IP protocol.

COURSES/SEMINAR

- Short course on Electronic Prototyping with Arduino.
- Short course on PCB designing
- Attended Seminar on Smart Grid by IEEE PES NEDUET Student Branch.
- Attended Seminar on 3D PRINTING by IEEE NEDUET Student Branch.

ADDITIONAL SKILLS

- Well versed with Multisim, Electronics Workbench, Auto-CAD, Microsoft Visual Studio, and ETAP.
- Command on Microsoft Office Suite and MATLAB.

ACHIVEMENT/CURRICULUM ACTIVITY

- Scholarship holder of Amir Sultan Chinoy Foundation Scholarship