

M. Hammad Safdar

EMAIL:

Engr.hammad1876@gmail.com

MOBILE: +92 331 5665356

ADDRESS: House # CB 1066/01, Street #
20, Mehria Colony Naseerabad
Peshawar Road,
Rawalpindi, Pakistan.



PROFILE STATEMENT

Willing to work in a dynamic, challenging and growth oriented Company that allows me to utilize my knowledge and experience to contribute for the growth of the organization.

EDUCATION

Bachelor in (ELECTRONICS) Engineering, 2012-2016.

CGPA : 3.21 / 4.00

Pakistan Engineering Council Reg # ELECTRO/23497.

INTERNATIONAL ISLAMIC UNIVERSITY, ISLAMABAD.

FINAL YEAR PROJECT

Intelligent Integration of Renewable Energy source with Electrical Utility.

(Power Electronics & Renewable Energy)

Summary: The prototype was consist on two parts, it takes input from the two sources, solar panel and grid station. Solar panel has a variable voltage, it is passing through Self-made High Power Solar Charger and give 12 volt DC.

EXPERIENCE

**Askari Cement Limited Wah
I&P Department
Internee Engineer.
(Dec 2017- Up till)**

- Repaired and maintained of instruments according the manufacturers specifications
- Performed troubleshoot on PLC control systems.
- Installation and maintenance of Power cables, Signal cables and Junction Boxes for Sensors, Controllers from Work site to DCS cabinets.
- Maintaining Document archive for I&P departments.

**National Development
Complex, ISLAMABAD
R&D Dept
Project Internee.
(May 2016 - July 2016)**

- Worked on standard engineering software
- Worked on circuit designing and printed circuit board
- Designing and development of AC to DC Rectifiers.
- Designing and development of DC to DC converters.
- Designing and development of DC to AC.
- Designing and development of Maximum Power Point Tracking (MPPT) based Charge Controller.

PROFESSIONAL COURSE

**SINA institute of networks
and aesthetics, Islamabad**

- Industry automation (PLC, SCADA & HMI).

SKILLS

Technical

- Solar System design & Installation.
- PLC & SCADA
- UPS Sizing and Installation.
- PCB Designing.

Programming

- PLC Programming
- MATLAB
- C & C++

Software

- MS-office
- Micro win
- Eagle
- Dip tracer.
- Proteus
- KIEL
- AVR Studio

PARTICIPATION AND ACHIEVEMENTS

- Funded Final Year Project by National Development Complex Islamabad, Pakistan.
- Given Certificate of Participation in Speed Wiring FETEX 15&16 Organized by FET IIU, Islamabad.
- Power Electronics and Renewable Energy.
- PCB Designing and Arduino Basics.
- National Conference on Power Electronics and Renewable Energy.

Extra-Curricular Activities

- Runner up in Scavenger hunt FETEX 2016 Organized by International Islamic University, Islamabad.
- Won Mini Cricket tournament Organized by International Islamic University, Islamabad.
- Captain of FET Cricket Team IIU, Islamabad.

PERSONAL DATA

- Father Name : Muhammad Safdar
- Date of Birth : 17 February, 1993
- Nationality : Pakistani
- Religion : Islam
- N. I. C. No. : 37405-9825563-5
- Passport No. : DH5575631
- Marital Status : Single
- Languages : English & Urdu.