



# IRFAN ULLAH

## Present Address:

Village" Hussain Khel (3<sup>rd</sup> street )" , Ahmad Shah Baba Mina (District 12), Kabul, Afghanistan.

## Contacts:

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## PROFILE

I'm an outgoing, self motivated and problem solving individual. I can work within a team and can use my own initiatives. I have a good personality and I can work under pressure.

## OBJECTIVES

To gain a position that utilizes my skills and enhances my qualification in order to cope with the upcoming century's challenges in my particular area of interest. Achievement of given responsibilities for better results to become an active and leading part of the society.

## PERSONAL INFORMATION

Father's Name: ABDUL RAZIQ  
Date of Birth: 13<sup>TH</sup> MARCH 1996  
Religion: Islam  
Nationality: Afghan  
Marital Status: Married

## EDUCATION

### **BS Electrical (Power) Engineering: 2015-2019**

I have completed my Graduation Degree from " COMSATS University Islamabad" (Pakistan)

### **Final Year Project**

❖ Three Phase Inverter using SPWM technique

Designing an inverter with small, affordable and efficient circuit for 3phase power systems especially for renewable energies using iram IC with SPWM technique.

### **Semester Projects**

- ❖ Multi level Charger
- ❖ Sound Control Home Appliances (ON/OFF/SPEED)
- ❖ Scientific Calculator using JAVA JUI
- ❖ Low Pass, High Pass and Band Pass Filter using Matlab JUI
- ❖ Digital Clock using Digital Logic Design
- ❖ Renewable Energy Integration
- ❖ Feedback based Buck Converter
- ❖ Finding “Power Dispatch with and without losses” using Matlab JUI

### **H.S.S.C: 2012-2014**

I have done my Intermediate College Certificate from BISE Peshawar, Pre-Engineering with Outstanding Remarks.

### **S.S.C: 2010-2012**

I have done my Secondary School Certificate BISE Peshawar, in Science group with Outstanding Remarks.

### **MAJOR SUBJECTS**

Calculus, Physics, Differential Equations, Linear Algebra, Electronic Circuit Design, Microprocessor and Microcontrollers, Signal and System, Digital Signal Processing, Electric Machines, Control systems, Power Electronics, Power System Analysis, Power Generation-Transmission-Distribution and Control, Renewable Energy.

### **COMPUTER SKILLS**

C++, JAVA(OOP), MATLAB, Proteus, Aurdino (IDE) & Micro Controllers Programming, Auto CAD Electrical, Diptrace/Eagle (PCB Layout & Designing, Circuit Implementation, MPlab, dSpace, Microsoft Office.

### **COMMUNICATION SKILLS**

- ❖ Good Communication skills gained through various Presentations presented in and outside the university.
- ❖ Good communication skills gained through my experience as an Electrical Engineer

### **ORGANIZATIONAL /MANAGERIAL SKILLS**

- ❖ Good Managerial skills gained by organizing different workshops, events and seminars at field jobs and academic life.
- ❖ Leadership (currently responsible for a team of 5 people).
- ❖ Good organizational skill gained as member of IEEE, responsible for organizing and promoting events and as Event Organizer in Afghan Student Federation.
- ❖ Good team leading skills gained as head of Electrical Department at Omaid Bahar Food Processing Limited.

## EXPERIENCE

- ❖ Working as a Electrical Engineer in Omaid Bahar Food Processing Company, Kabul Afghanistan (2020) .
- ❖ Worked as a Energy Control Engineer in Century Paper & Board Mills limited, Abbottabad Pakistan (2018-2020).
- ❖ Worked as Trainee Engineer in WAPDA as Trainee Engineer, Abbottabad Pakistan (2016-2018).
- ❖ Worked as Trainee Engineer in PESCO as Trainee Engineer, Abbottabad Pakistan (2015-2016).
- ❖ Work as science lecturer at Iqra School of Sciences (2015).

## CERTIFICATION

- ❖ English Language
- ❖ Potential Teacher Training
- ❖ Microsoft Office
- ❖ PCB Designing

## HONORS AND AWARDS

- ❖ Awarded by the UNICEF and UNHCR for being active Afghan refugee in welfare activities , Khyber Pakhtoonkhwa Pakistan.
- ❖ Awarded by IET society for Best Solutions towards Energy Crisis.
- ❖ Internship Training at WAPDA and PESCO
- ❖ Organizing a workshop on Microcontroller Programming
- ❖ Participation in Circuit Designing Competition in COMSATS University (2016)
- ❖ Awarded by participating in PCB designing
- ❖ School Topper in 10TH Class
- ❖ Winner of School District Speech Competition
- ❖ Awarded by Afghan Student Federation for being Best Organizer
- ❖ Winner of higher schools District Quiz Competition
- ❖ Awarded by participating in Artificial Intelligence Workshop
- ❖ Awarded by participating in Seminar MCOT on Innovation & Technology by IEEE in COMSATS University Islamabad, Abbottabad Campus
- ❖ Awarded by participating in Seminar of NEOTERIC Engineers by IEEE in COMSATS University Islamabad, Abbottabad Campus.

## HOBBIES

- ❖ Reading books, newspapers & magazines.
- ❖ Socializing with people from different multi-cultural backgrounds.
- ❖ Watching educational, informative & documentary movies.
- ❖ Research & Development
- ❖ Energy based Innovations
- ❖ Sports & Photography
- ❖ Leading & Organizing an Event and Team.

## LANGUAGES

- ❖ English
- ❖ Pashto
- ❖ Persian(Dari)
- ❖ Urdu

## REFERENCES

❖ **Professor: Dr. Laiq Khan**

Professor / Electrical & Computer Engineering.

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❖ **Professor: Dr. Owais**

Associate Professor/ Electrical & Computer Engineering

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❖ **Professor: Dr. Jawad Saleem**

Assistant Professor/ Electrical & Computer Engineering  
Campus President IET Society

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❖ **H.R Manager: Nemat Safi**

H.R Manager / Omaid Bahar Food Processing Limited

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