# MUHAMMAD KASHIF

## ELECTRICAL ENGINEER

📍 Islamabad Pakistan

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## Community involvement

- **Senior Coordinator** - Guest Relation Team Procom.Net
- **Think and Create** - Event Administrator in a reputed society at FAST-NUCES
- **Volunteer** - Member of Event Management team in arts oncil of Pakistan
- **SPONSERSHIP** – Fully funded Prime Minister ICT SCHOLARSHIP for my bachelor degree.

## Software SKILLS

**Official Use:**
- Microsoft Office

**Power Management Tools:**
- PowerWorld
- PsCad

**Networking Tools:**
- Cisco Packet Tracer
- WireShark
- NSP Huawei

**Programming Languages:**
- Dev C++ and Machine Language
- AVR Assembly Language

**Designing Tools:**
- AutoCad
- Matlab
- DipTrace
- LabView, wireshark
- MultiSim ,PsPice

**Grapic designing:**
- Adobe Potoshop
- Adobe literoom

## CAREER OBJECTIVES

Seeking an opportunity to utilize my strengths to build my career that would intrinsically help me in achieving greater practical excellence in the technical domain, exceptional hardworking nature along with good communication skills to explore the requirements and come up with innovative solutions.

## EDUCATION

### BS Electrical Engineering

**National University OF Computer and Emerging Sciences (NUCES-FAST)**

📅 08/2013 - 05/2017

**CGPA** 3.37/4.00

### FSC Pre Engineering

**Govt. post Graduat College Toba Tek Singh**

📅 09/2011 - 05/2013

**CGPA** 856/1100

### Metric (Science)

**Govt. Islamia Secondary School Toba Tek Singh**

📅 09/2009 - 05/2011

**CGPA** 956/1050

## EXPERIANCE

### Assistant Electrical Engineer

**Ittehad Textiles Pvt Ltd (Power House Department)**    **Feb-2018 – present**

📍 Faisalabad,Pakistan

To ensure 24/7 power supply and efficient load management to the textile Company, they have their own power house which fulfill their needs.

**Responsibilities to accomplish:**

- Supervised power generation and distribution and assisted in any of the Emergency situation
- A setup of 5.4MW power Generation with WAKESHA and Cummins Engines
- Enrolled in a Project of installation of Gas Turbine (5.6MW), system Design, SLDs, cost estimation and feasibility analysis.
- Control room operations including load sharing, pH and TDS maintenance of R.O Plant and cooling towers

### Internee Network Engineer

**Tejari Pakistan**    **July-2017 – jan-2018**

📍 Islamabad, Pakistan

A Management and IT company which deals with the large government and private organizations

**Responsibilities to accomplish:**

- To provide Consultancy about technological advancements using smart Power devices.
- Import these devices and deploy it making a central control over whole of its network and provide On ransomware attack and other cyber-crimes.

**Internee Engineer**

**Northern Power Generation Company Limited**                    June-2014 - july-2014

📍 **Faisalabad, Pakistan**

NPGCL is a Government organization which generates electricity all over the Pakistan.
Total capacity of 132MW

**Responsibilities to accomplish:**

- The responsibilities are to observe the whole system and compile a brief report on it
- Coordinate with our group advisor and perform different tasks
- Learn the SLDs, fuel resources, safety system, transmission and distribution system.
- Familiarity with all the equipment's, switch gears, control systems and electrical tools

## PROJECTS

- **Mximum Power Point Tracking(MPPT ) FYP**

  MPPT is a smart charger, this system boosts up the power of Solar Panel close
  to its rating and reduce filling time of the battery.

- **Obstacle detection using Sonar and IR Sensor**

  Obstacle detection/human detection system with counter using Sonar
  and Infra Red Sensor.

- **University Management System (C++)**

  Using Dev C++ ,develop a University Management system with all online
  features including registrations , result updates and notices.

- **Hydro Generator**

  Made Prototype of the Hydro power Plant which can generates 80 watts.

- **UPS (Uninterruptible Power Supply )**

  Universal power supply of 300 watts.

- **Sound Amplifier**

  Amplifies sound and filter noise for a clear hearing.

## Certifications

- Training Certificate at NPGCL(Northern Power Generation)
- Certificate by Lincolin University Seminar on Robotics by British Council
- Deputy head of a Circuit Design Competition in (NUCES-FAST)

## Interests

- Research and Development
- Sports and Gymnastics
- study history History and Current affairs
- Graphic Designing and Photo Editing
- Tourism and Hiking

## LANGUAGES

ENGLISH                                    Advanced

URDU                                       Native

PUNJABI                                    Native