

# Khawaja Mudassar Shahzad

Town, Chakwal Pakistan (48800)

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## SUMMARY

Secure a position in Engineering industry that enables utilization of my skills and qualities to achieve excellence in my chosen technical domain, endeavor to show improved results for the prospective employer and meet new challenges through dedicated perseverance and continual learning.

## EXPERIENCE

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- July 2017 -  
April 2018
- NATIONAL INSTITUTE OF ELECTRONICS / ISLAMABAD***
- Electrical Engineer**
- Performed in-depth electrical acceptance testing of completed hardware, including continuity and high potential isolation testing.
  - Troubleshoot electrical equipment problems such as electro sensors.
  - Performed data analysis and provided recommendations to achieve goal.
  - Played key role in designing project that result in positive outcome.
  - Developed mixed signal test strategies including the design and verification of instrument level diagnostics.
  - GPS Installation.
  - Documentation.
  - Dealing with Diagnostic tools such as launch, Snap on, MaxiSys, Uni-chip
  - Research Development of Sensors and Actuators for Cars.
- August 2015 -  
Sep 2015
- DG CEMENT FACTORY–ELECTRICAL DIVISION / CHAKWAL***
- Trainee Electronic Engineer**
- Study of instruments.
  - Study of process flow diagram including of site visit of different area of plant.
  - Study of WHR system and measurement techniques adopted to control the process of boiler .
  - Study of PLCs including introduction to application software, HMI, process controllers and logic testing.

## EDUCATION

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- June 2017
- Bachelor of Science in Electrical Engineering**
- UET University of Engineering and Technology, Taxila affiliated Institute IUSE / RAWALPINDI
- Major: Electrical Engineering

## SKILLS

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- Team Leadership.
- Project management.
- Team Liaison.
- Risk management process and analysis.
- Self-motivated.
- MATLAB and Simulink Modeling.
- Programming Languages: C/C++, HTML.
- PCB designing using Altium Designer.
- Designing in AutoCAD, Solid Edge, Pro-E.

## **Certifications**

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- 2018 PEC Accreditation Certificate certification for engineers registration.
- 2018 PEC Supervision Certificate.

## **Professional References**

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- Abdul Hadi, Grade 18 Senior Research Officer, National Institute of Electronics.