

**Summary**

MS in Electrical Engineering  
(Signal & Image Processing)

Industrial Experience - 1 year  
Currently Teaching in College  
(Jinnah Polytechnic Institute)

**Contact:**

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**❖ Objective:**

“With an MS degree in Electrical Engineering and a hand on experience of more than one year in industry & education sector. My goal is to find a full-time Electrical Engineering position where I may be able to give my best effort to achieve targets.”

**❖ Qualification:**

2015-2018	MS Signal & Image Processing	IST Islamabad	3.63
2010-2014	BSc Electrical Engineering	UET Lahore	2.88
2008-2010	FSc	BISE Faisalabad	78.81%
2005-2007	Martic	BISE Faisalabad	78%

**❖ Experience:****Teaching:**

- **Lecturer Jinnah Polytechnic Institute (May, 2018 - Continue)**
  - **Teaching BS Technology Classes**

Signal & Systems
Electric Machines
- **Lecturer Laboratory College of Technology (Session 2017 - 2018)**
  - **Subjects**

Electrical Instruments and Measurements
DC Machine

Business Management
Basic Electronics

**Industrial:**

- **1 Year Management Associate in PTCL (March 2016 - March 2017)**
  - **Responsibilities**

Staff Management

Fault Control

Cable Quality Test

CSR & CPEI Support

CRM Operation

Official e-mail reporting

Equipment Renovation

Customer Help

Customer Feedback

## ❖ Publications:

### ➤ Journal

*IEEE Access:* *DOI: 10.1109/access.2018.2843261*  
Improved Dark Channel Prior for Image Defogging using RGB and YCbCr Color Space

### ➤ Conference

*International:*  
Future Technologies Conference (FTC) 2018 in Vancouver      Accepted  
(Technically sponsored by IEEE)

## ❖ Projects:

### ➤ *MS Thesis: (Image Defogging)*

My MS thesis topic was Image defogging, I did research on removing fog from image data and reconstructed fog-free images. My research was based on Dark Channel Prior. I proposed method to calculate transmission map which was used to reconstruct image.

### ➤ *BS Project: (Robotic Lawn Mower)*

In this project I learnt to control device by feedback control system, Programming on Arduino, interfacing different sensors & actuators and troubleshooting of circuit.

## ❖ Software Experience:

Matlab, Proteus (ISIS ARES),  
Keil  $\mu$ vision, Electronics Workbench,  
Xilinx, MS Office

## ❖ Skills:

Management, Technical Reporting,  
Circuit Designing and Troubleshooting,  
Programming skills, Research work,

## ❖ Contact & Mailing Address:

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