

# Muhammad Bilal Khalid

## Bachelors in Electrical Engineering

Seeking for an opportunity to be placed in a company in which I can use my technical skills and leadership qualities to the upliftment of the company and personal growth



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## EDUCATION

### Bachelors in Electrical Engineering

University of Engineering and Technology  
Taxila

10/2014 – 08/2018

CGPA: 3.04

#### Major Courses

- Electrical Machines
- Instrumentation & Measurements
- Power Transmission, Distribution and Protection
- Power System Analysis
- High Voltage

### F.Sc. (Pre-Engineering)

Punjab College of Information Technology,  
Rawalpindi

09/2012 – 04/2014

Marks Obtained: 884/1100  
(80.36%)

### Matriculation

Siddeeq Public School, Rawalpindi

03/2010 – 04/2012

Marks Obtained: 912/1050  
(86.86%)

## PROJECTS

Design and Fabrication of Electro-Adhesive Pad(Final Year Project)

- Designing optimized adhesion pads for material handling applications.
- Designing electro-adhesive conveyor belt system for transportation.
- Designing magic boards to demonstrate importance of electroadhesion.

#### Semester Projects

- Digital Stopwatch, Line Follower Robot, Solar Panel Charge Controller, Ammeter (0-100A), Temperature Controller with Automatic Load Switching, Finger Print identification

## WORK EXPERIENCE

### Intern NESCOM

06/2017 – 08/2017

Islamabad

#### Achievements/Tasks

- Control of a Simple DC Motor with PWM Using Arduino
- Control of DC Brushless Motor with PWM using Arduino and L298 IC
- Brief Introduction to Verilog and Developing a Code for Generation of a PWM Signal
- PCB Designing(two layer) using Proteus

## TECHNICAL SKILLS

C++, C#



MATLAB



Lab View



AutoCAD



Arduino



Proteus



## SOCIETIES MEMBERSHIP

SIEP(Technical Society)

Finance Secretary

SCGB(Counseling and Guidance Beauru)

Management Team

Umeed-e-Subh(Welfare Society)

Volunteer

UETAC(Adventure Club)

Executive Member

## INTERPERSONAL SKILLS

Leadership

Man Management

Team Work

Communication Skills

## LANGUAGES

English

Expert

Urdu

Native or Bilingual

## INTERESTS

Electric Vehicles

Smart-phone Industry

Entrepreneurship

Book Reading

Football

Web Browsing