



# Muhammad Sami Akhtar

## Mechatronics Engineer

To enhance and utilize my skills through passionate, challenging, career oriented and motivational task by working in a dynamic environment in pursuit of financial compensations

✉ muhammadsamiakhtar@gmail.com

📍 Circular Road Near Usmania Masjid, Minchinabad, Pakistan

📞 03467555757 / 03379200800

📅 04 January, 1997

## WORK EXPERIENCE

### MEPG Supervisor Engineer

Sarmik Pvt. Limited

02/2020 – Present

Minchinabad

### MEP Supervisor Engineer

Sarmik Pvt. Limited

09/2018 – 01/2019

Minchinabad

### Internee Engineer

Atlas Honda Limited (AHL)

07/2017 – 08/2017

Sheikhupura

## CERTIFICATES

Certificate of Supervision (08/2019 – 06/2020)

Pakistan Engineering Council (PEC) Registration Card  
(02/2019 – 12/2021)

NERC Participant Certificate (07/2017 – 07/2017)

*Intelligent Robot for supplying food in disaster. Designed and fabricated mobile robot using localization and Intelligent Decision Making techniques*

## QUALIFICATION DETAILS

### B.Sc Mechatronics Engineering

University of Engineering and Technology (UET)  
Taxila,

09/2014 – 07/2018

3.03/4.00

Major Courses

- Control System
- Thermodynamics
- Materials and Manufacturing Processes
- Mechatronics System Design
- Theory of Machines
- Industrial Automation
- Heat Transfer
- Mechanical Vibrations
- Robotics
- Artificial Intelligence

### F.Sc Pre Engineering

Government Post Graduate College Bahawalnagar

08/2012 – 09/2014

77.27%

Courses

- Physics
- Chemistry
- Mathematics

### Matriculation

Government High School Minchinabad

03/2009 – 08/2011

92.20%

Courses

- Math
- Chemistry
- Physics
- Electrical Wiring

## SOFTWARE SKILLS

AutoCAD

MS Office

Proteus

SolidWorks

Anaconda

IBM SPSS Statistics

Prolog

WinProladder

Matlab

NI LabVIEW

## VOLUNTEER EXPERIENCE

### Industrial Visit

Master Tiles Industry

05/2018 – 05/2018

Gujranwala

Tasks

- Visited, observed and comply all manufacturing processes

### Industrial Visit

Packages Limited

05/2018 – 05/2018

Lahore

Tasks

- Visited, observed and comply all automated processes

## FINAL YEAR PROJECT

Instrumentation and Automation of Four Point Rotating Bending Fatigue Testing Machine by using Embedded System  
(09/2017 – 07/2018)

UET Taxila, Sub-Campus Chakwal

- The project was designed and fabricated by using Mechanical and Electronics Components and Automated by using PLC.

Final Year Project Sponsorship (2017 – 2018)

National Grassroots ICT Research Initiative

## LANGUAGES

English



Urdu



Punjabi



## INTERESTS & TECHNICAL PROJECTS

Manufacturing and Automation

PLC and HMI

Technical Writing

Artificial Intelligence

Control System

Water Level Indicator

DC Power Supply

Rescue & Line Following Robot

Current Affairs

Cricket