Sarmad Awais
Mechatronics & Control Engineer

sarmadawan60@gmail.com

http://bit.ly/2kk4C7P

+92 (345) 1180946

November 7, 1993

Kot Hassan Khan Tehsil & District Hafizabad, Pakistan

Why *Sarmad?*

- Meticulous, proactive and diligent mechatronics and control engineer possesses extensive knowledge of modern engineering techniques and industrial mechanics. Perceptive individual having exposure to integration of mechanical engineering, automation processes and control, product design and electronics applied to diverse industries
- Performance oriented person with strong problem-solving capabilities, having great comprehension of engineering fundamentals and practical applications. Rigorous individual with exceptional research abilities; excels at problem solving by altering dimensions to meet particular enumerations
- Task focused person equipped with exceptional learning abilities, flexible, willing to work in target driven environment and perched to undertake versatile challenges of abruptly changing business. Adept at Programmable Logic Controller, Auto CAD, MATLAB, Arduino, Proteus, Solid Works, robotics, electronic devices and diagnostics with insights into engineering designs

---

CORE STRENGTHS & ENABLING SKILLS

- Mechatronics & Control Engineering
- Industrial Automation
- Programmable Logic Controller

- Mechanical Engineering
- Instrumentation & Simulation
- AutoCAD & MATLAB

- Arduino & Proteus
- Solid Works & Core Graphics Suite
- Communication & Presentation Skills

PROFESSIONAL EXPERIENCE

DESCON Technical Institute, Lahore, Pakistan
 "**PLC Training** ", 8 April 2018- 8 May 2018
Accomplishments:
- Worked on PLC coding and process visualization
- Training included how to solve complex programming problems with PLC, HMI,& SCADA system
- Learn and get training how to automate the manual system
- Developed different projects like Car Parking, Automatic Transfer System, Traffic Lights, Tank Filling etc

Grace Engineering (Azhar&CO), Lahore, Pakistan
Worked as "**Mechatronics Engineer**", January 2018-April 2018
Responsibilities/Accomplishments:
- Mechanically design of different machines for industries under the supervision of assistant manager mechanical department.Gaining knowledge and practice process of determining technical issues of mechanical department
- Making BOQ of Projects and Cost Estimation
- Making daily reports on different mechanical projects
- Planning about the pending project to complete it in required duration
- Applying safety rules and safe practices as well as environmental responsibilities. Reports unsafe practices and incidents

Crescent Bahuman Limited, Hafizabad, Pakistan
Worked as *"Intern",* June 2016
Responsibilities/Accomplishments:
- Efficiently learnt basic standard operating procedures under supervision of assistant manager electrical department. Orderly assimilated processes of complex machine operations and manufacturing techniques of organization
- Skillfully gained knowledge and practiced process of determining technical issues of electronics and mechanical departments. Prepared technical reports and periodically assisted to department head

PROFESSIONAL QUALIFICATION

- **University of Engineering & Technology, Lahore, Pakistan** (2013 - 2017)
  BS - Mechatronics & Control Engineering (2.914 CGPA)

Final Year Project:

  — Wall Climbing Robot – Rated as one the most ambitious mechatronics project by FYP coordinators

Major Projects:

  — Micro-controller operated Robotic Arm
  — Power Generation System
  — Bluetooth Control Car
  — Dual Tone Multi Frequency (DTMF)
  — Transformer

- **Punjab College of Science, Hafizabad, Pakistan**
  HSSC – Pre Engineering (A+)

- **Misali Public School, Hafizabad, Pakistan**
  SSC – Science (A+)

CERTIFICATION & TRAININGS

  — PLC, HMI, SCADA (using TIA PORTAL V13)   **(DESCON Technical Institute)**
  — Microsoft Office Training   **(Learners Hub Hafizabad)**
  — Guardian of Garden   **(UET Lahore)**

Personality Traits

Leadership initiative	Adaptability/Flexibility	Team player
Determination and Persistence	Loyalty	Integrity
Ability to Work in Harmony	Judgment and Decision Making	Complex Problem Solving