

Waqas Ali

Electronic Engineer

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OBJECTIVE

To have a position where I can utilize my knowledge and skills for the growth of Organization and to give maximum Output by achieving all Standards in least interval of time with no compromise on Quality.

WORK EXPERIENCE

Internee

Pakistan International Airline

07/2016 – 08/2016

Karachi

PERSONAL PROJECTS

Natural Motion Control Robotic Arm

- This project imitates the motion of human arm with the help of custom joystick which resembles to human arm on which varistors are mounted. It basically cost effective method to utilize technology at harsh industry environment where human approach can be hazardous.

Palletizing System Box Sorting

- Designing of Ladder logic for sorting boxes in Siemens S7-1200.

Tank Level Controlling / Batch Processing

- PLC Logic and HMI designing on S7-1200 to Control the two different Fluids valve of certain Percentage, Mixing of fluids when the required Level reached. After mixing Draining of mixture and auto continuing the process for the number of times.

EDUCATION

B.E Electronic Engineering

Hamdard University, HIET

10/2012 – 01/2017

3.18 GPA out of 4

H.Sc Pre-Engineering

Govt. National Science College, Karachi

10/2008 – 08/2010

68 % (B Grade)

Matriculation

K.M.A Boys Secondary School, Karachi

08/2006 – 08/2008

74.5 % (A Grade)

SKILLS

PLC

MATLAB

OrCAD

AutoCAD

TIA Portal

C++

Fast Learner

Adaptability

EasyBuilder Pro

HMI Designing

SCADA

CERTIFICATES

The Automators Pvt Ltd

Industrial Automation and Controls

Introduction to Programmable Logic Controller (PLC), DCS, SCADA, Field Instruments, Control valves, VFD, PID Controlling and Motor Controlling.

Pakistan Engineering Council

Registered Engineer

MAJOR COURSES

Instrumentation and Measurements

Electrical Machines

Power Electronics

Industrial Electronics

LANGUAGES

English



Urdu



Hindko



INTERESTS

Volunteering

Technology

Learning

Problem Solving

Chess

Travelling