Shazli Asad Siddique

PERSONAL INFORMATION

Place of Birth	Sindh
Nationality	Pakistan

EDUCATION

2014-2018
BE (Major)
PAF-KIET
Electrical Engineering
CGPA: 2.91

2011 – 2013
College (Pre-Engineering)
PECHS Government Foundation Degree Science College
Percentage: 61%

2005-2010
Elementary School , Karachi
Guards Public School, Karachi
Percentage: 81%

1998-2005
Elementary School (O -levels)
St-Michael`s Convent School, Karachi

LANGUAGES

English
Urdu

INTERNSHIPS

2018(1 Month)
Pakistan Aeronautical Complex
Aircraft Rebuild Factory (ARF)
Aircraft Manufacturing Factory (AMF)
Our work was to analyze the designing of Integrated Circuits used in the aircrafts. We have also analysed the reassembling of the aircrafts and helicopters and the electronic circuits involved in it.

2017(1 Month)
Pakistan Meteorological Department
Radar Depart
Ethquake Monitoring Depart
Our work was to analyze different electronic equipments such as the sensors which were sending the earthquake information on PC and Radar , barometer , hygrometer , Anemometer and the computer models etc.

2016(1 Month)
Pakistan Steel Mill
Power House
Raw Material Manufacturing Depart
Our work was to analyze the thyristor , the RLC Circuit and the power generation room with help of electrical diagrams.

2015(1 Month)
Karachi Shipyard Pvt Ltd
Power House
Ship Design
In this internship we have learned the internal electronic supply structure of a ship and analyzing the working of the thyrster and the 3 phase system the, connections of phase system delta connections and y connections with some safety tactics by using contactors and push button switches to safe the motor from high 3 phase voltages

JOB EXPERIENCE

2018(4 Months)
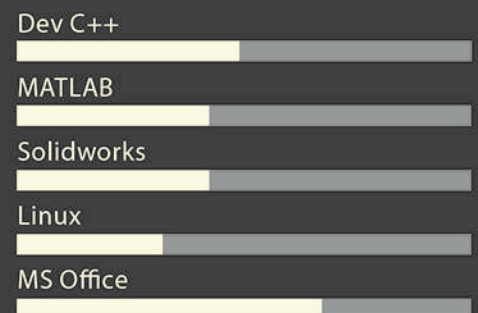**Asad Enterprises**
Assistant Marketing Manager

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📍 HOUSE NO L328 SEC 48/C KORANGI 2 1/2 KARACHI

SKILLS

PROFESSIONAL SKILLS

Dev C++

MATLAB

Solidworks

Linux

MS Office

PERSONAL SKILLS

Communication

Teamwork

Creativity

Leadership

Management

Marketing
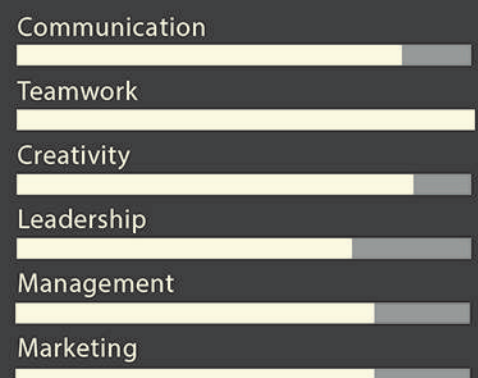
University Projects:

Magnetic Levitation System: (FYP)

1) On this project our major task was to make a non-linear system into a stable system (linear system). Firstly we have done the 3D Modeling of our levitation system on MATLAB.
2) First we have made a linear system 3D model then joined the PID controller in the 3D Model to make the system stable by levitating the magnetic ball in the center.
3) Then we have implemented that 3D Model into our hardware using a raspberry pi 3 Model B with an Arduino and a PID (Proportional Integral Derivative).
   Basically our FYP was a Control System Based Project

FM Receiver & Transmitter:

1) Basically in this project our first task was to design a receiver which uses electronic filters to separate the desired radio frequency signal from all other signals picked up by the antenna.
2) In this project we have used an electronic amplifier to increase the power signal for further processing using op-amp and final recovers the desired information through demodulation.
   This was a Signal & System Based Project

Water Level Sensor Using Digital Logics & Circuit Designing:

1) This was our first automated project which tasks was to switch off the motor when the tankis full.
2) There were two projects doing the same function one was made with some transistors and resistors and other was made with logic gate IC's.
   This was a Digital Logic and Our Basic Electronics Based Project

The Incubator Box:

1) The basic aim of this project was to make the temperature stable in the incubator box. This was a fully op-amp based project in which we have used different types of amplifiers.
   This was our Linear Integrated Circuit based Project.

COMPUTER LITERACY

- ☐ Ms office applications (Excel, Word, Power point)
- ☐ Solidworks
- ☐ MATLAB
- ☐ Mutisim
- ☐ Proteus
- ☐ Cisco
- ☐ Dev C++
- ☐ MpLab
- ☐ Python Compiler
- ☐ Linux
- ☐ EMU8086
- ☐ Pickit

Social and organizing experience

- ☐ Organizer at the Student Engineering Exhibition. SEE-2014
- ☐ Head of the Mind Quest in Student Project Engineering Competition. SPEC-2016
- ☐ Executive Member in Competitions in Student Engineering Exhibition. SEE-2017
- ☐ Participated in INTELLECT-2017 (First International Conference On The Latest Trends In Electrical Engineering & Computing Technologies).
- ☐ Head Organizer in Student Engineering Exhibition. SEE-2018

The internships and the events above helped me in cultivating following qualities:

- ☐ Teamwork
- ☐ Strong Communication
- ☐ Planning and Organization
- ☐ Analysis and problem solving.
   Seeking employment with a company where I can use my talents and skills to grow and expand the company. I want to succeed in a stimulating and challenging environment, building the success of the company while I experience advancement opportunities.