



Contact

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Personal

Father's Name

Masood Ul Hasan

Date of Birth

August 28th, 1993

CNIC No.

42201-8489006-7

Field(s) of Interest

Aviation, Automobiles
Electronics, Mechanical
3D Printing, Teaching

Personal Statement

"There are some things that money
just cannot buy. Like manners,
morals and integrity."

TAHA HASAN MASOOD SIDDIQUE

Objective

To work in your esteemed organization where I can contribute my knowledge and skills for the advancement of the organization by optimizing its outputs along with enhancing my personal skills.

Education Profile

Degree	Year	Institute	Grade
Master in Electronic Engg. (Industrial Electronics)	2018-2020	NED University of Engineering & Technology Karachi	CGPA 3.70 (Continue)
Bachelor of Electronic Engineering	2013-2016	Iqra University Karachi	CGPA 3.41
Intermediate (HSC)	2011-2012	Govt. National College	B
Matriculation (SSC)	2009-2010	Al-Farooq Secondary School	A

Professional Experiences



5th July 2017 - Present Iqra University (Main Campus) Karachi

❖ Working as a Lab Engineer at Iqra University. My job is to deliver lectures that help the students of Electronics and Telecommunication Engineering in implementation of principals and theories they learn in following courses:

- Basic Electronics
- Digital Logic Design
- Electronic Devices & Circuit Theory
- Circuit Analysis I
- Circuit Analysis II
- Computer Programming
- Communication System
- Digital Signal Processing
- Field Programmable Gate Array
- Radiating Systems and Antenna Theory
- Microwave Engineering

March 2017 - May 2017 Iqra University (Main Campus) Karachi

❖ Served the university as Visiting Faculty member where I had been assigned to teach the following courses labs:

- Communication System
- Electronics Devices & Circuit Theory



PEC Registration

❖ Registered Engineer from the **PAKISTAN ENGINEERING COUNCIL** under the act of 1976 in **DICIPLINE/PEC NO. ELECTRONICS/25143**

FINAL YEAR PROJECT

3D-PRINTER

The 3D Printer built for the purpose of rendering three dimensional designs. The 3D printing machine and control software will take 3D design as an input in the form of numerical control file, and render the image onto an extruder. The extruder will extrude on flat surface, such as acrylic sheet or a mirror bed. The machine will be able to move on three axes and will be capable of printing out designs as needed by the user on the surface.

Internship Experiences



01st June 2015 - 20th June 2015

Worked as Intern Engineer for 3 weeks of summer in **EED (ELECTRONIC ENGINEERING DEPOT)** in Electronics discipline at **CIVIL AVIATION AUTHORITY, JIAP (JINNAH INTERNATIONAL AIRPORT) KARACHI:**

The experiences I have acquired during this internship period are as follows

- Radar Central Workshop(RCWS)
- Navigational Aids Section(NAV-AIDS)
- General Electronics Section
- Telecom Section
- VHF/UHF Section
- HF Section



23rd June 2014 - 06th July 2014

3rd August 2015 – 4th September 2015

Worked as Intern Engineer for **6 weeks** of summer **2015** in **Avionics Department (Base Maintenance, Line Maintenance, Instrument and control department)** of **PIA (PAKISTAN INTERNATIONAL AIRLINE) ENGINEERING:**

The experiences I have acquired during this internship period are as follows

- Avionics shops
- Battery shops
- Instruments overhaul shop.
- Radios overhaul shop.
- Electrical overhaul shop.
- Boeing and Airbus line maintenance Hangers.
- HR Training and Automation

Technical Skills

❖ Ms Office	❖ Wincupl	❖ Visual Studio 2013
❖ Proteus 8	❖ Keil	❖ Microchip
❖ Multisim	❖ Arduino	❖ AutoCad
❖ Matlab	❖ Winproladder	❖ Simplify 3D
❖ Quartus ii	❖ Easybuilder	❖ Cura 3D Printing
❖ Model Sim	❖ Turbo C++	❖ Rhinoceros

Projects

❖ Power Supply	❖ Digital Logic Design Trainer	❖ Water Level Indicator
❖ Flasher	❖ FM Transmitter & Receiver	❖ Pure Sine Wave Inverter
❖ LDR Circuits	❖ LED Roulette Game	❖ Wind Turbine
❖ Audio Amplifier	❖ Battery Level Indicator	❖ Line Following Robot
❖ Transformer	❖ Temperature Controlled DC Fan	❖ Arduino Based Projects

Professional Training

- ❖ Attended two days CPD workshop on Outcome Based Education and Implementation (one CPD point) held on February 1-2, 2018 at Iqra University Main Campus Karachi
- ❖ Attended one day CPD workshop on Technical Report Writing using LATEX held on July 08,2017 at Iqra University Karachi

Participations

- ❖ Participation on IU e-Competencia 2017 held on April 28-29,2019 at Iqra University Main Campus Karachi
- ❖ Participation on ICEEST 2017 conference held on August 25-26,2017 at Iqra University Main Campus Karachi

References

- ❖ Prof. Dr. Abid Karim, Professor Usman Institute of Technology Karachi, akarim@uit.edu