MUHAMMAD MUTEEB SIDDIQUI

ELECTRONIC ENGINEER
HOUSE NO: A-901, 1ST FLOOR, UMER FAROOQ STREET, BLOCK H, NORTH NAZIMABAD KARACHI

OBJECTIVE

Looking to work in a conducive environment, where I can portray my productive skills, along with the comprehensive use of receptive skills.

TECHNICAL SKILLS

DESIGN AND DEVELOPMENT
- Circuit Analysis and Filter Designing
- PCB Designing
- GUI Development
- AutoCAD

SIMULATORS
- NI Multisim
- OrCAD
- Proteus
- Fritzing

CONTROLLERS
- Arduino
- AtMega 16/32
- FPGA kit
- PLC

EDUCATION

BE ELECTRONIC ENGINEERING • DECEMBER 2017
• **HAMDARD INSTITUTE OF ENGINEERING AND TECHNOLOGY (HIET)**
CGPA: 3.96/4.00 (1st position in department)
Majors: Industrial Electronics, Instrumentation, Control Systems, Power Electronics, Electrical Machines, Digital Logic Design, Electronic Circuit Design, Analogue Electronics, DSP, Project Management, etc.

INTERMEDIATE (HSC) • 2012
• **GOVERNMENT DEGREE COLLEGE, STADIUM ROAD, KARACHI**
Have successfully completed HSC with **Pre-engineering**.

MATRICULATION (SSC) • 2010
• **PUBLIC SCHOOL AND COLLEGE, SIR SYED TOWN, KARACHI**
Have completed SSC with Science (Biology).

EXPERIENCE

ASSISTANT DESIGN AND PLANNING ENGINEER • ELEKEN ASSOCIATES
• **SEP 01ST, 2018 – CURRENTLY WORKING**
Working there as a Planning and Design Engineer **(Electrical Power)**, Lighting designer and various different tasks are done including preparation of potential presentations in the form of animations and 3D models.

INTERN • ELEKEN ASSOCIATES
• **JUNE 26TH, 2018 – AUG 31ST, 2018**

INTERN • PAKISTAN INTERNATIONAL AIRLINES (PIA)
• **JULY 05TH, 2017 – AUGUST 4TH, 2017**

INTERN • KARACHI SHIPYARD AND ENGINEERING WORKS (KSEW)
• **AUG 02ND, 2016 – AUGUST 31ST, 2016**

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PROGRAMMING

- C++
- MATLAB
- LabVIEW
- Simulink

COURSES

- Advance Industrial Automation and Control Systems
- LabVIEW
- Arduino
- PCB designing and development

SEMESTER PROJECTS

- Car number plate detection using MATLAB Image Processing Toolbox
- DC motor control through PID by using LabVIEW
- Water purity and level tester
- FM Transmitter
- Line Follower Robot
- ATS using PLC S7-300
- Burglar Alarm using SCR
- Various home Automation Projects

FINAL YEAR PROJECT

DESIGN AND DEVELOPMENT OF A SEMI AUTONOMOUS ELECTRIC VEHICLE • OCTOBER 2016 – OCTOBER 2017

The project deploys the idea of line follower for semi-autonomous movement and uses ultrasonic sensors for obstacle detection. The vehicle has been driven by two BLDC motors on the back sides and a servo motor upfront for the steering mechanism.

AWARDS AND ACHIEVEMENTS

- Have won **3rd prize** in **Hamdard University Project Exhibition and Competition (HUPEC'17)** on **Final Year Project** held on **December 14th, 2017**
- Have been a part of **IEEE HIET Student Branch** from 2015 to up till now
- Have worked as a **Technical Coordinator** of **Electronics/Electrical Department** at **IEEE HIET Student Branch**, Hamdard University **(2016-2017)**
- Have worked as **a Social Media Coordinator** at **IEEE HIET Student Branch**, Hamdard University **(2015-2016)**
- Have worked as a **Program Coordinator** and **Communication and Marketing member** for **Industrial Relation Department (IRD)**, Hamdard University **(2015)**
- Have participated in the Entrepreneurial challenge arranged by **NED University** on **Sep 8th,2014**
- Have participated in **Spelling Bee competition** arranged by **DAWN NEWS** in **2010**
- Have participated in **World Space Week** arranged by **SUPARCO** in **2009**
- Have been awarded **runner-up** in **Chemistry quiz competition** arranged by **Russian Federation of Pakistan** on **Mendeleev's 175th Birth Anniversary** in **2009**