

# M.MOIZ UD DIN KHAN



Father Name:  
Muhammad Zia UD DIN  
KHAN

Date of birth: 27<sup>th</sup> November 1994

## Contact

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Housing colony Layyah (Punjab),  
Pakistan



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## Technical Skills

### Programming Languages:

C/C++, MATLAB, Verilog HDL.

### Software:

Xilinx ISE, Simulink, Proteus, Arduino  
Microsoft Office Suite, MS Project.

### Electrical Hardware:

Arduino, PLC, SCADA, PCB design  
and fabrication, FPGA,  
Thermocouples, Thyristors.

## PROFESSIONAL PROFILE

Can work well independently and in team environment as well. To put all my abilities and acquired skills to the best possible use in my career. I keenly look forward to the dynamic and challenging job options, which would offer me ample opportunities to experience life in myriad forms and to evolve as an ambitious and goal-oriented person.

## PROFESSIONAL EXPERIENCE

### Electronics Engineer

June 2017- Still working

#### Zahid Jee Textile Mill |Faisalabad

Management and Supervision of Electronics Instruments. Troubleshooting of Invertors, Convertors ,Plc's, HMI cards, Photocells and Quantums. Programming of Photocells.

### Engineering Intern

Aug 2015-Sep 2015

#### OGDCL(Qadirpur Plant) | Ghotki

Controlling of Plant using PLC(Allen Bradly), Thyristors, Thermocouples.

## Education

### BSc Electrical (Electronics) Engineering

Sep 2013-July 2017

#### COMSATS Institute of Information Technology | Islamabad, Pakistan

Aggregate Weighted:70.45% CGPA:2.62

### HSSC

2011-2013

#### Punjab Group of Colleges| Layyah, Pakistan

Marks:860/1100

### SSC

2009-2011

#### Ibn-e-khaldoon higher secondary school |Layyah, Pakistan

Marks:913/1050

## Certificates

### Participant of Component De Electric

#### IDEA Society | COMSATS Institute of Information Technology, Islamabad

Competition based on Logic Designing and Implementation using Digital IC's.

### Participant of Robian 2k16

#### COMSATS Institute of Information Technology | Islamabad

Competition based on design and development of Line Follower Robot capable of maze solving and calculating shortest path in the maze.

## Projects

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### **Final Year Project:**

#### **Spying robot with robotic arm:**

The need for security is of prime importance since the beginning of time also there is an ever-increasing need of security systems which are less prone to human errors and fatigue. In this project, we designed a robot which can survey an area and can spy on enemies and get the secret information from the enemies, also can pick some objects through a robotic arm . Technology and tools used here are:

- IR sensor
- ESP8266 wireless module
- Night vision camera(dlink)
- Blynk(mobile application)
- C945 transistor
- Robotic arm
- H-bridge

### **Academic Projects:**

- Mobile signal jammer
- PCB fabricated circuit
- Automatic fan speed controlling with the change in temperature
- Elevator control using PLC (ladder logic)

### **Hobbies:**

- Playing cricket
- Online gaming
- Playing football

## References

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**Dr.Muhammad Fasih ud din Butt**

**Assistant Professor**

COMSATS Institute of Information Technology, Islamabad, Pakistan

[fasih@comsats.edu.pk](mailto:fasih@comsats.edu.pk)

(PhD, University of Southampton, U.K, 2010)

Relation: Student