

OBAID ULLAH BIN ILYAS

ELECTRICAL ENGINEER

EXPERIENCE

- Real Estate - June 22 - Till**
ZONE IV Marketing (Pvt) Ltd
Bahria Enclave, Islamabad
Real Estate Consultant
Sales and Marketing
- Internship - Nov 21 - Dec 21**
Cyber Reconnaissance & Combat Lab
Bahria University, Islamabad
Worked on Communication Protocols i.e., SPI, UART. Studied latest NetFPGA SUME board, and its features. Also studied the working of 10G Ethernet Subsystem IP.
- Team Lead - Aug 20 - May 21**
Midnight Security Vision
Rawalpindi
Worked as Team Lead for CCTV Projects. Achievements of the Position is that now able to provide and deploy complete security systems and solutions related this.
- Electrical Technician - Sep 19 - July 20**
Premier Systems (Pvt.) Ltd
Islamabad
Worked as Part-Time Electrical Technician. Achievements of this position is that now able to troubleshoot electrical wiring and systems for any kind of fault.
- Internship - Jun 19 - Aug 19**
National Institute of Electronics
Islamabad
Worked in Centre for Quality Testing and Certification of Electronic Products Lab. This gave me widespread knowledge of Testing Electronic Boards and Components and making their Reports.

EDUCATION

- 2016 - 2020**
Bachelor of Electrical Engineering (Electronics)
Bahria University, Islamabad
- 2014 - 2016**
F.Sc Pre. Engineering
Punjab College of Information Technology, Rawalpindi
- 2012 - 2014**
Matriculation
Islamabad Model College for Boys I-8/3, Islamabad

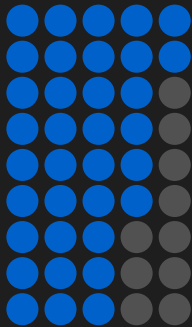
PROFILE

A competent electrical engineer and an encouraging team leader with a comprehensive knowledge of designing, developing, and maintaining electrical, networking and security systems and components according to the specifications, cost, safety parameters, reliability, quality and sustainability. Also have experience about FPGA, SoC, Verilog and C-Language.

SKILLS

Technical

MS Office
Proteus
Cadence
FPGA
Verilog
C++
System on Chip
ISE
Vivado



CONTACT

🏠 Islamabad, Pakistan
☎ 0092 333 0953359
✉ obaidullahbinilyas@gmail.com
🌐 obaidullahbinilyas
📞 03330953359
📠 923330953359

LICENCES & CERTIFICATIONS

Lifetime	REGISTERED ELECTRICAL ENGINEER Pakistan Engineering Council Credential ID: ELECT/85455
Jun 21 - Dec 21	ADVANCE EMBEDDED SYSTEMS National Vocational and Technical Training Commission / Kamyab Jawan Program FPGA, SoC, & PCB Designing

FINAL YEAR PROJECT (BEE)

2020	BLDC MOTOR DRIVER FOR E-BIKE Bahria University, Islamabad Brushless Motor Driver mainly depends on two ICs MC33035 and MC33039. MC33035 was used as a speed controlling IC for BLDC motor and for closed loop. MC33039 helps to detect rotor position by getting signals from hall sensors placed inside the motor. MC33039 then transmits those detected signals to MC33035 which decodes them and generates Pulse Width Modulation on basis of those signals. This whole process completes the closed loop system and runs the motor accordingly.
------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

SEMESTER PROJECTS

- 7 Segment Counter
- Step Down Transformer
- DC Motor Control Using PWM
- Signal Processing Using MATLAB
- AC to DC Converter
- Dancing LEDs Using Transistors
- Biscuit Manufacturing Process in Ladder Logic
- Real-Time Current Measurement Using LabVIEW

REFERENCES

Will be furnished on demand.