

Ameer Hamza

Electronic Engineer

Career Objectives

I am seeking for a post of Electronic Engineer to utilize my technical skills and take on a challenging role within a growing team.

Semester Projects

- Variable Power Supply
- Automatic Traffic Lights
- Water Level Detector and Controller
- Audio Amplifier
- Temperature Sensor interfacing with AVR
- Power and Energy Calculation (MATLAB)
- Noise Reduction in Audio Signal (MATLAB)
- Digital Image Processing (MATLAB)
- Buck Converter

Final Year Project

“CNC Based Liquid Handling Device”. It deals with:

- Three dimensional movement of CNC Machine
- The pneumatic based liquid dispensing

Software Skills

✓ Cisco Packet Tracer	✓ Model Sim	✓ Silvaco TCAD	✓ Atmel Studio
✓ MS PowerPoint	✓ MS Word	✓ MS Excel	✓ MS Project
✓ Pro Engineer	✓ Arduino	✓ Matlab	✓ Proteus

Academics

Title	Institute	Percentage	End Date
BS (Electronic Engineering)	International Islamic University, Islamabad	3.48/4 CGPA 77%	2018
Intermediate (Pre-Engineering)	Islamabad College for Boys, G-6/3, Islamabad	75%	2014
Matric (Science)	Islamabad College for Boys, G-6/3, Islamabad	82%	2012

Certifications

Title	Website	Authority	Date
Cisco Networking Test	www.upwork.com/ab/tests/test/1014	Upwork	March 2018
MS Office PowerPoint	verify.certipoint.com	Microsoft	December 2017
Ms Office Word	verify.certipoint.com	Microsoft	December 2017



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Languages

- Urdu – Native
- English – Medium
- Punjabi – Medium
- Arabic – Beginner

Hobbies

- Book Reading
- Traveling
- Gardening

Awards and Achievements

- Runner-Up in Speed Wiring in Fetex'16 in IIU – 2016
- Participation in National Workshop on “Power Electronics” in IIU – 2016
- Participation in Robotics Seminar in IIU – 2017
- Role as an Organizer in Fetex'17 in IIUI – 2017
- Role as an Organizer in Open House 16 & 17 in IIU – 2016-17
- Event Head in Fetex'18 – 2018
- FYP award winner in Mega Education Expo (MEE) in IIU – 2017
- FYP Funded by Department of Biotechnology & Bioinformatics of IIU

References

Engr. Muhammad Muzammil

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