

# ALI IJAZ

To acquire a challenging position in an organization, utilize my aptitude set, improve my insight and add to the advancement and development of the organization

Contact: 0334-5400973/ 03336374248

Email: alijaz700@gmail.com

## EDUCATION

### UET Taxila

Learning Center: CASE University, Islamabad  
Bachelors of Electrical Engineering (2014- 2018)

### OPF Boys College Islamabad

Higher Secondary School Certificate (2014)  
Secondary School Certificate (2012)

## AREA OF SPECIALIZATION

- Database Management
- Industrial Automation, Embedded System, Control System
- Image Processing
- Networking

## WORK EXPERIENCE

Internship at EMBEDDED XTREME Islamabad (July-August 2017).

Learnt and gained skills about FPGA Configuration with Hardware Component and understanding about Xilinx (Verilog) language in detail.

## PROJECTS

- Implemented Database management of Point of Sale (POS) on C#
- Designed & implemented the logic for Digital clock with alarm system on breadboard
- Implementation of Microprocessor on Spartan 3
- Smart Line Tracking Robot using wireless communication
- Implementation of equation  $\sqrt{x^2+y^2}$  on FPGA using Verilog
- ARP Poisoning on KALI LINUX
- Design of Buck/Boost Converter
- FYP Project: Smart Hybrid Fan Heater

## ACHIEVEMENTS & CO-CURRICULAR ACTIVITIES

- Participated in Robotic Competition
- Part of management team EPICA 14
- Participated in NUST Robotics workshop on Application of Robotics Technology for Industrial Development in Pakistan.

## Skills

### Computer Languages

C, C++, Verilog, Matlab, Ubuntu

### Hardware

- PIC18F4520 Microcontrollers
- Xilinx Spartan 3
- Arduino Interfacing

### Tools

- Microsoft Visual Studio 2010
- MATLABMS Office
- Adobe Photoshop
- AutoCAD
- MP lab
- Arduino Uno
- Multism/Proteus
- Xilinx(Verilog)
- Microsoft Office (All Applications)
- Microsoft SQL Server

### Interpersonal Skills

- Strong leadership and Presentation Skills
- Collaborative Problem Solving & Organizing
- Strong team player with the ability to create team, coach & lead
- Ability to thrive under pressure.
- Possess good observation
- Ability to put in long yet Efficient Working Hours

## References

Will be furnished upon request