

# Curriculum Vitae



## Hassan Ahammad

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### CAREER OBJECTIVE

To obtain professional and technical excellence through sincerity and hard work in professional and caring organization that provides a promising career progression.

### EDUCATIONAL QUALIFICATION

Name Of Degree	Board /College/ University	Year of passing	GPA(out of 4.00) /Percentage
BS Electrical Engineering (Electronics)	National University of Computer & Emerging Sciences, FAST Karachi	2015	3.67/4.00
F.sc	Tameer-i-Nau Public College, Quetta (BBISE)	2011	78.09%
S.S.C	Tameer-i-Nau Public School, Quetta (BBISE)	2009	82.67%

### WORKSHOPS

- **Arduino Workshop at FAST-NU, Karachi**  
Worked as a chief instructor, instructed following contents
  1. Arduino interfacing with LCD
  2. Arduino interfacing with Temperature sensor
  3. Arduino interfacing with Ultrasonic sensor
  4. Wireless communication using Zigbee with Arduino
- **Microsoft Office project professional workshop**  
Worked as an Instructor at MS project 2010 workshop under Final year Project committee at FAST-NU, Karachi

### INTERNSHIP

Four Week internship at Quetta Electric Supply Company in following departments

- P.D (GSC) QESCO, Quetta
- P.D (Construction) QESCO, Quetta
- S.E Central Circle QESCO, Quetta
- XEN SS&T Division GSO QESCO, Quetta

### PERSONALITY SKILLS

- Leadership qualities
- Impressive communication skill
- Team-work
- Innovative
- Dedicated
- Quick Learner

## Software

1. MS Project
2. Matlab
3. Dev C++
4. LabView
5. Packet Tracer
6. Arduino IDE
7. Siemens Step 7
8. MS Office
9. Proteus
10. MS Excel
11. Multisim
12. Fritzing
13. MMlogic
14. AutoCAD
15. Xilinx ISE design Suite
16. X-CTU
17. Putty
18. Processing
19. Siemens Step 7 PLC
20. Wireshark
21. Diptrace

## ACHIEVEMENTS AND AWARDS

- 1<sup>st</sup> position in S.S.C in Quetta district
- 1<sup>st</sup> position in pre-engineering(2011) of Baluchistan
- 1<sup>st</sup> position in 8<sup>th</sup> semester of BS Electrical Engineering.
- 100% merit certificate by Prime Minister Muhammad Nawaz Sharif
- Won bronze medal on getting 1<sup>st</sup> position in Pre-engineering of Baluchistan(2011)
- Received Rs.10,000/- by the Governor Nawab Magsi on getting 1<sup>st</sup> position in Pre-Engineering 2011
- Winner of Microcontroller competition in FASTech '15 at FAST-NU Karachi
- Studied on Prime Minister NICT Full bright Scholarship at FAST-NU Karachi campus
- Winners of Circuit Designing Competition in FASTECH 2014 at Fast-Nu Karachi
- Runner ups at C-GEEK competition in IntraCup 2013 at Fast-NU Karachi
- Enlisted in Dean's List of Fast Nu for 7 times
- Best Drama winners at UMUNG'2014 at Fast-NU Karachi Campus

## PROJECTS

- Real Time Video Streaming using obstacle avoiding UAV (Final Year Project )
- 100 watt uninterruptable power supply (UPS)
- Arduino based Parking system
- Designed Reduced instruction Microprocessor using Verilog
- Arduino and processing based ultrasonic music player
- Home automation system using processing
- Arduino based wireless communication
- Designed vending machine using Verilog
- Designed traffic light controller using Verilog
- Arduino based Thermometer
- 35VOLT adjustable power supply
- Energy Generation through Neodymium Magnets
- Low power short circuit protection system
- 12 VOLT dc power supply
- Home appliances control through remote control
- Audio amplifier of 25watt
- DTMF based appliance control system
- Railway ticket system using DEV C++

## PERSONAL INFORMATION

**Name** : Hassan Ammad  
**Present Address** : House # 3-4/37-D near city hotel prince road, Quetta  
**Permanent address** : House # 3-4/37-D near city hotel prince road, Quetta  
**Date of Birth** : 01/03/1993  
**Gender** : Male  
**Marital Status** : Single  
**Nationality** : Pakistani  
**Languages Known** : English, Urdu. Pashto, Punjabi

## DECLARATION

I consider myself familiar with Engineering Aspects. I am also confident of my ability to work sincerely as a team-member.

I hereby declare that the information furnished above is true to the best of my knowledge.

( **Hassan Ammad** )