

## USAMA ASHRAF

---

### CAREER OBJECTIVE

Engaging myself in a well-reputed dynamic organization where I can learn, perform and enhance my knowledge and capabilities using cutting edge technologies in a conducive working environment for betterment of society.

### ACADEMIC CREDENTIALS

| Course                                          | College/University                         | Year | Aggregate      |
|-------------------------------------------------|--------------------------------------------|------|----------------|
| B.E(Electronics)                                | NED University of Engineering & Technology | 2017 | 3.35<br>(CGPA) |
| Higher Secondary School Examination (Class XII) | Government Dehli College                   | 2013 | 82.2%          |
| Secondary School Examination (Class X)          | Karachi Public School                      | 2011 | 82%            |

### SOFTWAREAND HARDWARE SKILLS

- Programming Languages : C, C++,Python,Verilog
- Working Platforms : Windows, MS-DOS, Linux
- Software worked on : MATLAB , OrCAD , Proteus , Multisim , Visual Studio , OpenCV
- Hardware Skills : AVR Microcontroller, Arduino Uno, PLC, Raspberry Pi

### PROFESSIONAL TRAININGS

- Pursued 8 week Practical course on Industrial Technology consisting of four components namely **Pneumatics** , **Electro** , **Pneumatics PLC** and **Hydraulics** at **Pak Swiss Training Centre**.
- Pursued 6 weeks Training of **AVR Microcontroller** from MS Logics.
- Pursued 2 weeks training of **Basic Electronics** from NED University of Engineering & Technology.

## WORK EXPERIENCE

- Currently working as a Assistant to Technical Manager at **Pioneer Cables Ltd.**  
(14<sup>th</sup> December 2017 - Present)
- Internship at **Alkaram Textile Mills Pvt. Ltd.**  
(20<sup>th</sup> June 2016-13<sup>th</sup> July 2016)
  - i) Monitored the Stentor, printing machines PLCs
  - ii) Worked at the Electrical and mechanical shops at maintenance Department
- Internship at **AL-HAJ FAW Motors.**  
(20<sup>th</sup> May 2016-15<sup>th</sup> June 2016)
  - i) Experienced the installation of new ED/PT Plant

## PROJECTS UNDERTAKEN

- FYP:- Autonomous Sorting and Dent Analysis System using Image Processing with OPC Server Connection. (Affiliated by Dawlance Pvt. Ltd.)
- Renewable Energy Source Project based on solar panel.
- Home Automation Project Using PID Control.
- Smart Security System.
- Noise Level Detector Using Arduino.
- Bluetooth controlled robotic car using ATmega-16.
- Obstacle Avoidance Robot using Arduino Uno.
- Digital Clock using Decade and Binary Counters.

## ACHEIVEMENTS

- Awarded by a Laptop in Prime Minister Youth Laptop Scheme.
- Currently working as a team member for Circuit Designing Competition (SPEC-17).
- Participated in SPEC 16 for ROBOMAZE.
- Participated in AVR Microcontroller seminar under IEEE NED Student Branch.

## PERSONAL DETAIL

- Father's Name : Muhammad Ashraf
- Date of Birth : 5<sup>th</sup> January 1995
- Nationality : Pakistani
- Sex : Male
- Languages Known : English, Urdu
- Hobbies : Cricket, Traveling.

## REFERENCE

### Mr. Zeeshan Baig

Working as Manager at Nestle Oil  
Helsinki, Finland  
Contact info: +358-438-454-4

---

---