

## PERSONAL INFORMATION



## Awais Ahmad

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Date of birth 19/02/1995 | Nationality Pakistani

## JOB APPLIED FOR

### Trainee Engineer

## WORK EXPERIENCE

22/06/2018– 02/08/2018

### Internship

Askari Cement Limited – Nizampur  
Instrument & DCS Department

02/11/2017– 30/11/2017

### Internship

Oil and Gas Development Company Limited - OGDCL

**Business or sector** Oil and Gas. / Public Sector

Worked on Coiled tubing unit and over hauling of 8/16 cylinder Engines. Assembled BOP Of Coiled Tubing Unit.

06/07/2017– 15/09/2017

### Internship

Robotics World (pvt) ltd (Pakistan)

**Business or sector** STEM and STEAM Education / Private Sector

01/08/2015– 31/08/2015

### Internship

Pakistan Locomotive Factory, Risalpur, Khyber Pakhtunkhwa (Pakistan)

**Business or sector** Travel Service provider / Public Sector

Engine Overhauling and Maintenance.

22/06/2015– 10/07/2015

### Internship

Pakistan Aeronautical Complex, Kamra, Punjab (Pakistan)

**Business or sector** Public administration and defence; compulsory social security

Our aim was to get familiar myself from overhauling of jet's engines including Jf-17 thunder, Mushshak, f-16 and SAAB Technology.

The secondary purposes are as follow,

Get an inside view of an industry and organization/company.

Gain valuable skills and knowledge.

Make professional connections and enhance your network.

Get experience in a field to allow you to make a career transition.

## EDUCATION

01/09/2013–21/12/2017

BSc Mechatronics Engineering (cgpa 3.06)

University of Engineering and Technology, Peshawar

<http://www.uetpeshawar.edu.pk/>

15/09/2011–22/06/2013

Higher Secondary School Certificate (FSc Pre-Engineering) (80%)

Karnal Sher Khan Cadet College, Ismaila Swabi, Khyber Pakhtunkhwa (Pakistan)

<http://www.kskccs.edu.pk/>

10/04/2009–10/05/2011

Secondary School Certificate (SSC) (86.51%)  
The Quaid International Model School, Lahor, Swabi (Pakistan)

## PERSONAL SKILLS

### Key IT Skills

1. Micro-Controller.
2. MATLAB.
3. C++ (Computer programming basic).
4. Object Oriented Programming.
5. CNC simulator.
6. Flow Simulation.
7. Arduino.
8. MS Word.
9. Adobe Photoshop.
10. MS Office.
11. Micro Controller.
12. AutoCAD.
13. Microsoft Office.
14. Excel.
15. Solid Works.
16. PLC (Logix Pro).
17. Proteus (Electric Circuit designing).

### Projects

1. Automatic Stair Climbing Wheelchair for disable people (Final Year Project).
2. Automatic Teller Machine (ATM) using Latches and basic (DLD) Circuits.
3. Digital Weighing Machine using Strain Gauges (Mechanics of Material)
4. Conveyor Belt using Atmel 8051 micro-controller.
5. Interfacing 6v DC motor with Ac power source.
6. RC Car Controlled by Radio frequency (RF) using Arduino.
7. Autonomous obstacle avoider and traffic light signal detection Robot Car.

### Publications

1. Abstract acceptance with title "**Design and development of low cost stair climbing Wheelchair at** 1<sup>st</sup> International conference on Modern Trends in Science, Engineering and Technology. (MTSET-17) (First Author).

### Training and Workshops

1. One Day Workshop on "**Application of Robotics for Industrial Developments in Pakistan**" Arranged By National University of Science and Technology (NUST), Pakistan. 14-April-2017.'
2. Three Days Workshop on "**Development Skills for Change Leaders**" Arranged by CAMP (Community Appraisal & Motivation Programme), Islamabad, Pakistan. 30, 31<sup>st</sup> January and 1<sup>st</sup>-February-2018

### Co-Curricular Activities

1. President UET Robotics Club.
2. Member National Youth Assembly, Pakistan.
3. Member of Society of Automotive Engineers SAE.
4. Runner Up Inter House Urdu Essay Competition (College Level).
5. Gymnastics Team Member, Karnal Sher Khan Cadet College Swabi.
6. Winning Cricket Team Member, Inter House Competition Karnal sher Khan Cadet College.

## REFERENCES

• **Dr Shahzad Anwar**  
Course Coordinator,  
Department of Mechatronics Engineering  
University of Engineering and Technology,  
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