



Personal Information

S/O IKRAM UL RAUF

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07 January, 1995

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JUNAID IKRAM

MECHATRONICS ENGINEER

About Me

To utilize my technical skills for achieving the target and developing the best performance in the organization and play dynamic role in a growing organization & grooming through working with skilled persons to achieve respectable position in progressive organization through continuous hard and smart work, dedication and devotion. I would like to implement my innovative ideas, skills and creativity for accomplishing the project. I am very good in Engineering software skills and prefers to work practically.

Education

(2013-2017)

BSc. Mechatronics Engineering
CGPA: 2.93/4.00

**Wah Engineering College, University of Wah,
Wah Cantt.**

Major Subjects: Industrial Automation, Robotics,
Image Processing, Linear Control Systems,
Embedded Systems, Programming C++

(2011-2013)

F.Sc. (Pre-Engineering)
Score: 779/1100 (71%)

Askaria College, Rawalpindi Cantt. (FBISE)

Major Subjects: Mathematics, Physics,
Chemistry

(2009-2011)

Matriculation (Science)
Score: 661/1050 (63%)

**F. G. Sir Syed Secondary School for Boys,
Rawalpindi Cantt. (FBISE)**

Major Subjects: Mathematics, Physics,
Chemistry, Biology

Employment

(1st Aug, 2016 -
28th Aug, 2016)

INTERNSHIP

Pakistan Ordnance Factories, Wah Cantt

- Medium Artillery Ammunitions Factory
- Weapons Factory

Activities and Responsibilities: To study and observe the basic principle of machining, assembly line production and CNC programming on CNC Machines, observe the parts production of weapons and observe a maintenance department work in a manufacturing facilities.

Projects

Developments and control of mobile robot using inertial sensor based hand gesture recognitions

I had designed a mobile robot which was able to move by getting directions from human hand gestures through inertial sensors & those instructions were sent wirelessly to the robot from the inertial sensor worn on the hand of the user.

Development of color sensing and wall detecting robot

The robot was fully autonomous and intelligent enough to move in the direction sensed by color sensor. Blue, Red and Green colors were the signal for robot to move in either direction (Red for forward, Blue for Left turn and Green for Right turn). IR sensors were placed for obstacle detection.

Technical Skills

Programming Language (C++)	Dev C++	● ● ● ● ●
Documentation (Word, Excel, Power Point)	MS Office	● ● ● ● ●
Image Processing	MATLAB Version 7,8 Open CV 3.1	● ● ● ● ● ● ● ● ● ●
Programmable Logic Controller (Basic Programming)	LG Glofa	● ● ● ● ●
Mechanical Modelling (Parts Modelling/Assembly, CAD/CAM)	Creo 3.0 Pro-E Wildfire 5.0	● ● ● ● ● ● ● ● ● ●
Electrical Modelling (Modelling, Analysis and Simulation)	Proteus Version 8.0	● ● ● ● ●
Micro-controllers Programming	MPLAB X v3.35	● ● ● ● ●

Social Activities and Conferences

YAROH Welfare Organization (2016-2017)

Youth- A Ray of Hope is a student based NGO which is working for the betterment of society and is working for the education of under privileged kids. In my membership tenure with YAROH, we had organized 6 events for poor kid and orphans.

Lecture on 'Robotics' by Dr. Yasir Ayaz (15th May, 2017)

Lecture was totally based on latest robotics work and techniques. In which Dr. Yasir Ayaz had demonstrated us about humanoid professional robots.

Lecture on 'Research and Development' by Engr. Khaliq Shad SI(M) (29th July, 2016)

In the lecture we were illustrated about the R & D which refers to innovative activities undertaken by corporations in developing new services and products.

Workshop on Pro-E/Creo (29th May, 2016)

I learnt and observed the mechanical modeling techniques in this workshop and also been familiarized about the working of different tools for designing of mechanical parts.

Lecture on 'Artificial Intelligence' (1st November, 2015)

We learnt that how Artificial Intelligence play an important role in the modern world, and how humans are manufacturing machines intelligent enough that reducing the efforts and fatigues in life.

Awards and Honors

Table Tennis (3 rd Position)	2017	Wah Engineering College
Basket ball (Champion, Team Member)	2017, 2015	Wah Engineering College
Director Media and Services	2016-2017	Debating Society, Wah Engineering College
Media Coordinator	2016-2017	Mechatronics Society, Wah Engineering College
Poetry Competition (3 rd Position)	2016	Cultural Week, University of Wah
Quiz Competition (Prize Winner)	2016	Islamabad Expo
Urdu Declamation (2 nd Position)	2016	Islamabad Expo
On-Spot Photography (1 st Position)	2016	Islamabad Expo
Brand Ambassador	2015	Express Educational Expo
On-Spot Photography (1 st Position)	2015	Institute Space Technology Youth Carnival
Poetry Competition (Champion, Team Member)	2013	Askaria College
English Anchoring/Conduction (2 nd Position)	2012	Askaria College

Hobbies

- Play Cricket and Table Tennis are my prior practices in free time.
- I love watching movies.
- Play Computer games is also one of my hobby.
- Photography is my passion as I am a Photography professional.

Languages

	Listening	Reading	Spoken Interaction	Spoken Production	Writing
Urdu	Excellent	Excellent	Excellent	Excellent	Excellent
English	Excellent	Good	Excellent	Good	Excellent
Punjabi	Excellent	Excellent	Excellent	Excellent	Excellent