

# Muhammad Noman Malik

Mechanical Engineer (Program Accredited under Washington Accords)

## SUMMARY

Accomplished Leader having national as well as international experience and a great aptitude for Engineering and Management combined with success in public speaking and public relations. Possessing excellent technical knowledge and skills competent with the challenging environment and the ability to function as a team leader as well as a team member. Hardworking, energetic, and quick learner for any task delegated.

## WORK EXPERIENCE

- Aug, 2017 - Aug, 2017 **Internee Mechanical Engineer**  
[Pakistan Aeronautical Complex Kamra](#)  
Worked on the Jet Engines, Overhaul Workshops, Welding Shops, Plasma Shops, Aircraft Assembling Units.
- June, 2017 - Aug, 2017 **Intern**  
[AIESEC EGYPT](#)  
An internship in field of management in Egypt working on sustainable development goal "Decent Work and Economic Growth".
- July, 2016 - August, 2016 **Internee Mechanical Engineer**  
[Sui Northern Gas Pipelines Limited](#)  
Comprehensive work in Compression unit involving study and operation of Gas turbines used for compression of gases as well as tasks like oil line tracing etc.
- June, 2016 - July, 2016 **Internee Mechanical Engineer**  
[Pakistan Ordinance Factories](#)  
A great deal of learning as well as hands-on experience of different processes like sand blasting, Extrusion, Drawing, Forging, foundry as well as pressing, sintering, coining and all other operations involved in Powder Metallurgy.
- Aug, 2013 - May, 2014 **Science Teacher**  
Grammar International School Khaur POL  
Ensured high levels of conceptual and creative learning through innovation as well as experimentation.

## EDUCATION

- 2014 - 2018 **Bachelor of Mechanical Engineering**  
[Air University Islamabad](#)  
CGPA :3.04
- 2011 - 2013 **F Sc. (HSSC) Pre-Engineering**  
Fazaia Degree College, Rafiqui, Shorkot Cantt.
- 2009 - 2011 **Matric(SSC)**  
Fazaia Degree College, Rafiqui, Shorkot Cantt.

## PROJECTS AND RESEARCH

- **Design and Fabrication of a Filament Winding Machine.(Final Year Project)**
- **Machine Design** Design, analysis and fabrication of ASRS (Automated Storage and Retrieval System)
- **AutoCAD** Drawing 3D drawing of a camshaft.
- **Computer Programming** Build a program in C++ for booking of flights online system
- **Manufacturing Process** Simulation in Casting Software and generation of g-code for machining of a complex part.



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## SKILLS

### Technical Skills

- Event Management
- Hosting/Anchoring
- Lathe and Milling Machines
- Plasma cutters
- CNCs (G-code programming)
- Oxy-acetylene torches
- Machining and Welding Tools

### Software Skills

- Microsoft Office( Word, Excel, PowerPoint)
- Eclipse(C++)
- Solid Works
- Click2Cast
- Adobe Photoshop
- ANSYS
- Matlab
- AutoCAD
- Windows Movie Maker

## KEY QUALIFICATIONS

- Excellent communication skills and public speaking.
- Excellent presentation and organizational skills.
- In-depth knowledge of manufacturing Processes.
- Enthusiastic and ability to work under pressure.

## CERTIFICATIONS AND COURSES

Oct, 2013 - **6 Months Computer Diploma**  
March, 2014 KMC Computerlink Institute of IT

2015 - 2016 **Member of ASHRAE (American Society of Heating, Refrigeration and Air Conditioning Engineers)**

April, 2015 - **One Day Workshop on "Industrial Water Treatment Chemicals"**  
April, 2015 [Pakistan HVACR Society, ASHRAE \(Northern Chapter\)](#)

Dec, 2015 - **One Professional Development Hour (Factory-Built Chimneys, Vent & Exhaust Ducts)**  
Dec, 2015 [Selkirk Corporation](#)

Nov, 2017 - **One Professional Development Hour (Closed Loop Systems-Open Tower/Heat Exchanger or Fluid Cooler)**  
Nov, 2017 [Baltimore Air Coil Company](#)

Jan, 2018 - **One Professional Development Hour(Air Monitor- Yes, you can accurately measure outdoor airflow!)**  
Jan, 2018 [Air Monitor](#)

May, 2018 - **1 hour Webinar Training on "Advances in Water Source VRF Technology"**  
May, 2018 [Mitsubishi Electric](#)

## AWARDS AND ACHEIVEMENTS

- Awarded Shaheen Foundation Scholarship for Securing 1st position in 7th standard.
- Awarded Federal Board Scholarship in Matric results.
- 1st Position in English Speech Competition Fazaia Degree College 2012
- Awarded Youth talent award in 2015 at Youth Pakistan Expo.
- Received Award for Best positive message through short film at Tehelka'16 by Youth Insight.
- Received Award for Best Sound Mixing in a short film at Tehelka'16 by Youth Insight.
- Captain of Mechanical Department Hiking team 2017.
- Winners Scavenger Hunt Competition at PION'16 (PIEAS National Olympiad).
- Received Best Event Award as event Head of Air Nexus Dance Competition 2017.

## CO-CURRICULAR AND EXTRACURRICULAR ACTIVITIES

- Former **President** of Air University Thespian Society.
- Former Director General at Air University Thespian Society.
- Member of Air University cricket team.
- Ambassador PION'16 (PIEAS National Olympiad).
- Ambassador for Youth Pakistan Expo 2015.
- Ambassador for Talent Expo Islamabad 2015 & 2016.
- Ambassador for Leading Pakistan (Youth Organization)
- Ambassador for GIMUN'2016 (GIKI Model United Nations 2016)
- Ambassador for Montage Events and Consultants.
- Ambassador for NEO'16 & NEO'17 (IEEE GIKI).
- Event Organizer at Air University Sports Club.
- Event organizer at Young Leaders Summit 2016 organized by Positive Pakistan.
- Ambassador at FUUAST Innovatia'16.
- Event Head at Air Nexus dance competition 2017.
- Event host at Air Nexus drama competition 2016, 2017 & 2018.
- Participated in Cairo City Football Tournament 2017 in Egypt.

## INDUSTRIAL VISITS

- Best Way Cement Industrty, Hatar. In Dec, 2015.
- Heavy Mechanical Complex, Taxila. In March,2016.
- Pakistan Council of Renewable Energy Technologies (PCRET).
- Ghazi-Barotha Hydropower Project.
- Offshore Oil rig at Egyptian Drilling Company.

## HOBBIES/INTERESTS

- Public Speaking
- Football Goal Keeping
- Event Organizing/Management
- Hosting/Anchoring