

# Muhammad Aarsalan

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## Objective

To seek a challenging environment to sharpen my skills through hands on experience and explore my working capabilities in an organization which recognizes and sterilize my true potential while nurturing my analytical and technical skills.

## Education & Qualification

### Bachelors (Year of Completion: 2018)

- Bachelors in Mechanical Engineering  
CGPA 3.84/4.00  
1<sup>st</sup> Division  
Institute: International Islamic University, Islamabad.

### Intermediate (Year of Completion: 2014)

- F.S.C Pre-Engineering  
Marks Obtained 765/1100  
1<sup>st</sup> Division  
Institute: FG Science Degree College For Men Wah Cantt.

### Matriculation (Year of Completion: 2011)

- Matric with Science Subjects  
Marks Obtained 857/1050  
1<sup>st</sup> Division  
Institute: FG Boys High School No.6 Wah Cantt

## Projects

### Final Year Project:

Design and Fabrication of Double Disc Metallographic Metal Polishing Machine (MMPM) with Variable Speed Control.

#### **Semester Projects:**

- Design of HVAC System of Commercial Building.
- Automated Mechanical System through Arduino.
- Variable DC Power Supply.

### **Experience**

#### **Pakistan Ordnance Factories (POF) Wah Cantt**

(13 June, 2016 –23 July, 2016) ( 6 Weeks )

SAA and Carbide Factory

#### **Heavy Mechanical Complex (HMC) Taxila**

(7<sup>th</sup> August, 2017 –5<sup>th</sup> Sep, 2017) ( 4 Weeks )

Machine Shop , Pattern Shop , Hydraulic Shop , Sand Casting and Fabrication Shop

#### **Extra-Curricular Activities:**

- 2<sup>nd</sup> International Conference on Power Generation Systems and Renewable Energy Technology (PGSRET, 2015).
- Organizer at Department of Mechanical Engineering Open House 2016, IIUI.
- Organizer Technical Events Award in **Spectra'15** presented by Students' Advisor Office IIUI
- Participated in Spring Gala'16 organized by Students' Advisor Office IIUI.

### **Conferences/Trainings:**

- 2<sup>nd</sup> International Conference on Power Generation Systems and Renewable Energy Technology (PGSRET, 2015).

### **Skills & Abilities**

#### **Personality Skills**

- Communication
- Creativity
- Leadership
- Collaboration
- Time and Resource Management

#### **Computer Skills**

##### **Simulation Software:**

- Pro-e Creo
- ANSYS Mechanical
- Proteus
- TORA

**Programming Languages:**

- C++
- MATLAB

**Other Software:**

- Microsoft Office

**Languages:**

- Urdu
- English

**References:**

- **Dr. Nadeem Ahmed Sheikh** Professor, Department of Mechanical Engineering, IIUI.  
Email: [nadeemahmed@iiu.edu.pk](mailto:nadeemahmed@iiu.edu.pk)
- **Dr. Syed Athar Masood** Associate Professor, Department of Mechanical Engineering, IIUI.  
Email: [athar.masood@iiu.edu.pk](mailto:athar.masood@iiu.edu.pk)