

Aaqib Manzoor



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Objective

To cope up with my cravenness for mechanical devices and show my keen enthusiastic work towards my field. Above all to be a useful brick in strong wall of engineers in our developing nation.

Education & Qualification

Bachelors (Year of Completion: 2018)

- Bachelors in Mechanical Engineering
CGPA 3.12/4.00 (Result Awaiting)
1st Division
Institute: International Islamic University, Islamabad.

Intermediate (Year of Completion: 2014)

- F.S.C Pre-Engineering
Marks Obtained 783/110.
1st Division
Institute: 502 Model College, New Lalazar, Rawalpindi Cantt.

Matriculation (Year of Completion: 2011)

- Matric with Science Subjects
Marks Obtained 801/1050
1st Division
Institute: F.G Sir Syed Boy Secondary School, Rawalpindi Cantt.

Projects

Final Year Project:

Design and Fabrication of 3-axis CNC Abrasive Waterjet Cutting Machine.
(Sponsored By Star International Electronics Faislabad)

Distinction: 1st prize in FYP Open House Competition, IIUI, 2018.

Semester Projects:

- Design and fabrication of an RC Aircraft for Design Build and Fly Competition (DBFC-XI).
- Design and fabrication of recumbent tadpole bike for Human Powered Vehicle Contest 2017, (HPVC, 2017).
- Design of HVAC System of Commercial Building.
- Automated Mechanical System through Arduino.
- Project report on maintenance of Diesel Engines.

Experience

Summer Internships:

Pak Electron Limited (PEL) (Lahore)

(6th September 2017 –6th October 2017)

1-month Internee at switch gear department.

Central Diesel Locomotive Workshop (Rawalpindi)

(6th August 2017 –6th September 2017)

1-month Internship at different workshops.

Pakistan Railways Carriage Factory (PRC) (Islamabad)

(12th August 2016 –11th September 2016)

2-month internship at various workshops of PRC, Islamabad.

Organizer:

- 2nd International Conference on Power Generation Systems and Renewable Energy Technology (PGSRET, 2015).
- Event Head Spectra 17, IIUI, 2017
- Department of Mechanical Engineering Open House 2016, IIUI.
- Event Head Department of Mechanical Engineering E-Gaming Competition, IIUI.

Leadership:

- Logistics Head of American Society of Heat Refrigeration and Air Conditioning for Engineers, IIUI Chapter (2016-2017)
- Vice President of Mechanical Engineers Alumni Association, IIUI (2017-2018)

Conferences/Trainings:

- Workshop on manufacturing system design: Introduction to mixed model assembly line sequencing and efficiency at EME College of NUST, 2014.
- 2nd International Conference on Power Generation Systems and Renewable Energy Technology (PGSRET, 2015).
- Training on PLC & SCADA from SINA Institute of Networking and Aesthetics, Islamabad, 2017.

Skills & Abilities

Personality Skills

- Team work
- Dedicated to work
- Creative
- Quick Learner
- Leadership
- Enthusiastic
- Time and Resource Management

Computer Skills

Simulation Software:

- Pro-e Wildfire
- Pro-e Creo
- ANSYS Mechanical
- PLC (Certified training)
- Proteus
- TORA

Programming Languages:

- C++
- MATLAB

Other Software:

- Microsoft Office

Languages:

- Urdu
- English

References:

Dr. Nadeem Ahmed Sheikh Professor, Department of Mechanical Engineering, IIUI.

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Dr. Syed Athar Masood Associate Professor, Department of Mechanical Engineering, IIUI.

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