

# Ahmad Naeem Cheema

## Mechanical Engineer

Mechanical Engineer seeking a full-time opportunity with an established, goal-oriented, purpose-driven organization with scope for career advancement and professional development.



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📍 House no.433 Street No.5 Jlnnah Town Gakhar, Gujranwala, Pakistan

📅 21 March, 1997

## EDUCATION

### Bachelors

Pakistan Institute of Engineering and Applied Sciences (PIEAS)

2014 – 2018

3.74/4

Courses

- Mechanical Engineering

### Intermediate

Punjab College of Science

2012 – 2014

973/1100

Courses

- Pre-Engineering

### Matriculation

Govt. Higher Secondary School Gakhar

2010 – 2012

953/1050

Courses

- Science Group

## WORK EXPERIENCE

### Intern

Descon Engineering

07/2017 – 08/2017

Lahore

Achievements/Tasks

- Study of design codes and standards of pressure vessels, storage tanks and heat exchangers.

### Intern

SuperAsia Group

07/2016 – 08/2016

Gujranwala

Achievements/Tasks

- Design of workspace for pedestal and bracket fan workers to increase efficiency and production.

## ACHIEVEMENTS

100% Scholarship in F.Sc on Merit basis

3.74 CGPA in BS Mechanical Engineering

90%+ Marks in F.Sc and Matric

Oranizer of NUKTA-16 (All Pakistan debating and dramatics competition)

1st position in CyberGaming in MegaFest-17

1st position in CyberGaming in PiOn 2018

## PERSONAL PROJECTS

Design and Analysis of a 4-stroke internal combustion engine (09/2016 – 03/2016)

- Designed an engine with a controlling cam shaft for valve operation, analysis of engine vibration and reducing the vibration by designing a flywheel.

YES network Entrepreneurship program (01/2017 – 05/2017)

- Earned 200% profit on a 5000/-Rs investment

Analysis of a trampoline on ANSYS (07/2017 – 08/2017)

- Designed and analysed a trampoline to optimize the number of springs and stiffness of the springs needed for a particular load.

Design and Modal analysis of a support frame and fan propellor (12/2017 – 02/2018)

- Modal analysis of fan propellor and motor support base to reduce the vibration of the fan motor.

Design and Manufacturing of an induced draft cooling tower (09/2017 – 06/2018)

- Final Year Project of design of induced draft cooling tower to dump the heat load of a compressor.

## LANGUAGES

English



Urdu



German



## INTERESTS

HVAC systems

Cyber Gaming

AutoMobile tech

CAD design

## SKILLS

CREO parametric

ANSYS workbench

MS Office

MATLAB

SolidWorks

HVAC equipment

AutoCad

## REFERENCES

Can be provided on request