

# Yasir Rafique

*Mechanical Engineer*



Kamoke, Gujranwala, Pakistan

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## Education

2014–2018 **Leads University, Lahore** - *Bachelors of Science, Mechanical Engineering*. CGPA - 3.20

2010–2013 **Govt. College Of Technology, Gujranwala** – *DAE Mechanical Engineering*. GRADE - A

2008–2010 **Govt. School No.2, Kamoke** – *Metric (Science)*. GRADE - A

## Certifications

June 2017 – **CNC Operator**, Gujranwala Tools, Dies & Molds Centre  
August 2017

April 2016 – **AutoCAD Mechanical**, Technical Education & Vocational Training  
September 2016 Authority, Gujranwala

January 2016 – **Edgecam Mechanical**, Leads University, Lahore  
December 2016

## Skills & Abilities

Programming Languages      Edgecam

AutoCAD      SOLIDWORKS

Softwares      Edgecam, MS Word, MS Excel

Windows      All Versions (XP, VISTA, Windows 7, Windows 8, Windows 10)

Installation      All Systems Installation & Maintenance

CNC Machines Operator      1- CNC Turning Centre (Fanuc 21i-TB)  
2- CNC Cylindrical Grinder (Fanuc 0i-MC Control)  
3- Conventional Machines (Lathe, Milling, Shaper, Welding & Drilling)

## Projects

### October 2017 – **Design, Fabrication & Installation of Solar Tracking System**

June 2018 Collaborating in the design, manufacturing, and assembling of Solar Tracking System. Responsible For acquiring the several machine parts and worked on design and manufacturing the project. Help design the programming for smooth tracking of solar rays to stay connected with full potential source of renewable energy.

## Work Experience

### June 2017 – **CNC Machine Operator, Gujranwala Tools, Dies & Molds Centre (GTDMC)**

August 2017

- 1-Prepared and operate CNC Machines to perform tasks such as Drilling, Grinding and Milling.
- 2-Understand specification of the given task and the desired results by reading blue prints and mechanical drawings.
- 3-Translate Instructions into computer commands so the machines can perform correctly.
- 4-Prepared and load raw materials and parts onto the machines.
- 5-Prepared a test run to check if the machines produce outputs according to specifications.
- 6-Continuously checking the machine while it execute the tasks and made necessary adjustments.
- 7-Inspect the finished product thoroughly before giving it to relevant engineer or supervisor
- 8-Check and maintain machinery daily to ensure functionality and cleanliness.

### January 2013 – **Mechanical Operator, Master Tiles & Ceramic Industries Limited**

December 2013

- 1-Responsible in troubleshooting when the parts don't fit correctly.
- 2-Clean and maintain tools and other working equipment and maintain working area.
- 3-Aiding in assembling the heavy machinery.
- 4-Worked on strict safety policy to ensure avoiding any damages to workers.
- 5-Preparing the work schedule as per company standard and gave attention to details.
- 6-Prepared complex documentation of laboratory and other heavy equipment.
- 7-Performed other duties as per assigned or required.

## Coursework

- |                                     |                            |
|-------------------------------------|----------------------------|
| - Thermodynamics                    | - Heat & Mass Transfer     |
| - Combustion Processes              | - Mechatronics             |
| - Machine Process                   | - Renewable Energy Sources |
| - Mechanical Engineering Laboratory | - HVAC                     |
| - Statics and Dynamic Systems       |                            |

## Languages

Urdu - Native Speaker

English - Excellent

## Hobbies

- Football
- Cricket
- Reading About Technical Discoveries

## Personal Information

-Father's Name	Muhammad Rafique
-Date of Birth	01-06-1993
-Domicile	Punjab
-CNIC	34102-1308564-7
-Religion	Islam
-Marital Status	Single
-Whatspp Number	+923034527198

## Reference

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