

Saad Ali

BS Mechanical Engineering

To work in a creative and innovative environment that gives me scope to update my knowledge and skills in accordance with the latest trends and provides constant personal development.



contactingsaad@gmail.com

0334-5389911

Vill. Kotla Shah Kamir, Pind Dadan Khan



Education

9/2014 - 07/2018

CGPA : 3.00

BS Honors in Mechanical Engineering

Capital University of Science and Technology

09/2012 - 05/2014

710/1100

FSc (Pre-Engg.)

Punjab College of Information Technology

03/2010 - 03/2012

819/1050

Matriculation

P.M.D.C. Model High School Khewra



Final Year Project

Analysis of liquid dose micro needle injection

The idea of this project is transfer of the drug to patient in a painless way. Micro needle injection provides a low-cost, rapid and direct way to deliver almost any type of molecule into the body.



Personal Projects

A solar tracking automatic motorized window blind

The purpose of this project is to design a window blind controller which can help to reduce building energy and improve visual comfort.

PID controller design for DC motor

The main objective of this project is to design a PID controller that can be used to control the speed of DC motor.

Excavator Machine

The main purpose of this project is to design excavator machine by using syringe. A real model of excavator is scaled down and implementing our Engineering skills related to hydraulics.



Skills & Competencies

- Auto Cad, CREO, Ansys
- Microsoft Office
- Code Blocks
- Some minor skills such as Matlab, CAD, etc.



Work Experience

Internship

7/2017 - 9/2017

Imperial Chemical Industry limited

One-month Internee at Soda Ash Business. Learn the overhauling of centrifugal pumps and working of boilers and compressors.

Gharibwal Cement Limited

Completed three weeks as an internnee at Gharibwal cement industry.



Achievements and Activities

Final Year Project

Secured 1st Position in Open House held at CUST Islamabad on 19th July 2018.

Won Gold Medal

Won Gold medal in Table Tennis tournament organized by IEEE Capital University of Science and Technology Islamabad 1st Dec, 2016.

Participated in Event

Participated as Table Tennis Player in Sports gala organized by CUST in year 2015 and 2016.

Participated in interuniversity table tennis event held at IST Islamabad.

Participated in HVAC Lecture

Participated in HVAC Lecture organized by ASHRAE.