

Contacts

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Skills

Programming Languages –

Python, C++, C.

Software – AutoCAD, Anaconda, MATLAB, Microsoft Office.

Other Skills: Raspberry Pi, Arduino Uno, Linux (NOOBS).

Certifications

- Autodesk CAD/CAM/CAE for Mechanical Engineering Specialization
- The Finite Element Method for Problems in Physics
- Crash Course on Python-Google
- Machine Learning with Python
- Python Data Structures

Interests

- Manufacturing Technology
- Python Programming
- Material Science
- CAD/CAM

Extra-curricular Activities

- National Player of Roll Ball and Football.
- State Referee of Roll Ball
- SAE India Member and Extern

Languages

Proficiency

- Hindi 
- English 
- German 

Sumedha Gupta

Objective

To obtain a full-time position as a Mechanical Engineer and make a positive impact through strong work ethic and skills gained from my education and work experiences.

Education

SRM University

B.Tech - Mechanical Engineering (2018 - 2022) with **7.7 CGPA** (Till 6th Semester)



Doon International School

10+2 from C.B.S.E. (2017-2018)

Experience

BAJA SAE India

Participant (July 2019 - June 2020)

A competition with a real-world engineering design projects and their related challenges. Engineering students are tasked to design and build an off-road vehicle that will survive the severe punishment of rough terrain.



Reliance Industries Limited

Internship Trainee ([Project Report](#))

May 2019 - June 2019 (2 months) - Summer intern at Reliance power plant. Studied about their plant and working of turbines.



ESI Pune 2019

Enduro Student India is an off-road student design competition bred from the need to train engineering students on practical aspect of building something with their own hands and also train them on the science of team management.



Mega ATV

Mega ATV Championship is an off-terrain ATV / Dune Buggy / Mini BAJA racing competition based on Real life challenges.



SRMWE – We Entrepreneur

Coordinator

July 2018 - Present (2 years 7 months)

Publication:

- Self Defence Device:** Filed on 10 May 2021 in India · Application (Under Review)

Projects

- Off-Road Vehicle:** Contributed to the official college off-road vehicle team as PR Head and Technical member.
- LFR:** Presented a Line Following Robot using Arduino UNO and a security alarm using LDR on Arduino UNO.

Ongoing Project

- SLAM based Rover:** Designing a Rover based on SLAM function with obstacles avoiding capabilities.