

# Vikash Tiwari

## Undergrad Mechanical Engineer

An enthusiastic adaptive and eager to learn new things to implement engineering knowledge to enhance human life and organization



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## EDUCATION

### Bachelor of Engineering

Vishwakarma Government Engineering College

06/2019 - Present

CGPA:7.91

### HSC

Sunrays School of Science and Commerce

06/2017 - 03/2019

Per-83.53%

Courses

- Science

## COURSES

### Python for Data Science And AI

Coursera

I have accomplished the certified course offered by IBM on Coursera

### Databases and SQL for Data science

Coursera

I have accomplished the certified course offered by IBM on Coursera

### Introduction to Data Science

Coursera

I have accomplished the certified course offered by IBM on Coursera

## ORGANIZATIONS

Society of Automotive Engineers(SAE)

(04/2020 - Present)

Member

Mechanical Student Association(MESA)

(06/2022 - Present)

Technical Team Head

## SKILLS

Python

Numpy

matplotlib

pytorch

OpenCV

panda

Keras Tensorflow

Data Manipulation

Data Scraping

mediapipe

AI/ML

SQL

## PERSONAL PROJECTS/ INTERNSHIP

Design of Robotic Arm (06/2022 - 07/2022)

- Personal Project-Design and working of a robotic hand using OpenCV Human Hand detection and arduino controller

Mukkundal Robotics(07/2022-08/2022)

- Internship-Learning about Industrial robot and making of robot based on Covid-19 situation by use of virtual robotic tool kit

Basic Chat bot

- Personal Project-Chat bot made using python programming language and its module nltk and pytorch. The bot understand the user command by *lemmatizing* and stemming the word and give desired response

Traffic Sign Detection

- Personal Project-An deep learning model made with CNN neural network and OpenCV detects traffic sign using the webcam.

## ACHIEVEMENTS

BAJA SAEINDIA (12/2021 - 12/2021)

A national level competition organized by baja in which we had designed an ATV

Autonom India

A national level competition organized by baja in which we had design and done research about implementation of ADAS car in Indian Scenario

## LANGUAGES

English

Professional Working Proficiency

Hindi

Full Professional Proficiency

## INTERESTS

Data Science

Web Scraping

Robotics

Automation

AI and ML