

# Gagandeep Singh Wasir

A sophomore at SGT University, Gurugram pursuing B.Tech in Computer Science Engineering with specialization in Artificial Intelligence and Machine Learning. An aspiring Data Scientist. I have technical skills and an academic background in many languages and software. My passion lies in analyzing different datasets and perform visualization and do predictions on them. Ready to develop new skills and grow knowledge by gaining practical experience.

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## EDUCATION

### B. Tech CSE (spec. MLAI) SGT University, Gurugram

2019 - Pr

Currently Pursuing 3rd Yr & CGPA upto  
4rd Sem - 8.5

### Higher Secondary Education - Non Medical DAV Public School Sainik Colony Sec-49

2017 - 2019

7.6 CGPA

### Secondary Education

DAV Public School Sainik Colony Sec-49

2015 - 2017

7.8 CGPA

## PROJECTS

### FunkyML (2021 - Pr)

- A python library with the idea to assist the developers with data classification and visualisation.
- Its under development stage
- It can be found on my github as well as on PyPI
- <https://github.com/GD-Singh011/funky-ml>
- <https://pypi.org/project/funky-ml/>

### Drone Delivery in Multi Story Building (2020 - 2021)

- We participated in Smart India Hackathon 2020 and picked out amazon's problem statement to find them a solution to create a drone and apply an approach so that it can deliver to multistory building.
- For this project I created Virtual Simulations of the drone and How will it make delivered in a Multistory Building and also some Presentations and Models to show the Judges what are we doing and How are we doing this. And also did some backend coding so that the drone should work and deliver the product properly.

### Blind Conquering with Fingers (03/2021 - Pr)

- Service to be offered: With the help of the machine learning model we can help the visually impaired person to conquer the problem of not able to give some competitive MCQ based exams. After that the model will confirm about the answer it has detected from the fingers so that he can check and confirm..
- Unique Salient Points: text to speech of the question and then making the system rest for some fraction of seconds while the person can think and give the suitable answer for that problem with the help of his fingers
- Executive Summary: This will help to overcome the problem of the visually impaired to not to deprived of one more thing. This could be the new and tremendous thing for their future.

### Project Infinity (2019)

- Project Infinity is a mind controlled rover which is made using arduino and is controlled by Neurosky Mindwave Headset with the help of an app.
- I acted as a supporting character for this Project. I helped the author with different things and gave solutions when we got stuck anywhere.
- For more details :-<https://github.com/GD-Singh011/Project-Infinity>

### Blind's Eyes (06/2022 - Pr)

- We are trying to create an amazon special skill for the blinds which will use their phone that will use the phone's camera that will do the object detection and will tell every possible thing it can like how much change you got from the shop, how many apples are there on stall etc...

## SKILLS

Python

Tableau

HTML

CSS

SQL

Tensorflow

Sklearn

Scipy

OpenCV

NLP

Machine Learning

Neural Networks

Deep Learning

Data Analysis

Data Visualization

VS Code

Anaconda

Netbeans

Git / GuiHub

Flourish

MySQL

Netbeans

Android Studio

MS Excel

## ACHIEVEMENTS

### Smart India Hackathon 2020 Winner - (AN318-SKYWALKERS)

Smart India Hackathon is a nationwide initiative to provide students with a platform to solve some of the pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and a mindset of problem-solving.

### Participated in Synergy 2019

Synergy is a kind of hackathon hosted by SGT University, Gurugram, Harayana, India. Here many schools and Universities came to see and display projects or new and innovative Ideas.

## CASE STUDIES

<https://www.kaggle.com/creepycrap/code>

All of the Case Studies i have been doing are on the above link. There are Many Case Studies such as HEART ATTACK PREDICTION, POTABLE WATER PREDICTION etc...

## CERTIFICATIONS

Practical Ethical Hacking - The Complete Course Heath Adams, TCM Security, Inc

Complete Graphics Design and Video Editing Masterclass  
Stephen Koel Soren

Data Analysis with R Programming - Google

Google Data Analytics Capstone: Complete a Case Study

Share Your art through Visualization - Google

## INTERESTS

NLTK

TPOT

Flask

Django

QML

Bash

Ethical Hacking

Circle CI

Adobe