



# ARSHDEEP SINGH

MACHINE LEARNING | [HTTPS://ARSH-ML.GITHUB.IO/](https://arsh-ml.github.io/)

## OBJECTIVE

Hard-working and motivated individual, passionate about Machine and Deep Learning. Excited to implement sophisticated ML/DL solutions in real world!

## SKILLS

- Excellent knowledge of Machine and Deep Learning concepts. (Tensorflow, Scikit-learn, numpy, pandas, seaborn, etc)
- Strong Programming (Python and C++)
- Attention-to-detail
- Web Development (HTML/CSS, JS, Node.js)

## EXPERIENCE

### FREELANCE

Made a data visualization and inventory management software for a shop keeper to compare his sales with competitors.

## PROJECTS

### CLUSTERING CUSTOMER DATA

- Used ML Model to cluster customer data
- Identified segments of customers to increase profitability

### COVID ANALYSIS

- Data Visualization and Analysis on Covid Data
- Used ML Models to predict future Covid patterns

### FAN CONTROL USING BODY DETECTION

- Controlling Fan in presence/absence of a person.
- Proved to save electricity and cost-cutting technique automatically

## COMPETITIONS

- Won 3<sup>rd</sup> prize in Science Exhibition (Class 10, 2020) for making a radar using microcontrollers and sensors.
- Won college level Science Exhibition (CGC Landran) (Class 12, 2022), for making a humanoid robot prototype with object detection and path mapping (A\* Algorithm) out of 30 teams
- Won 3<sup>rd</sup> Prize in Business Cohort while in PCM (Class 12, 2022)



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