



# ANIRUDH SONAWANE

Final year Undergraduate

I am hardworking and like to explore new things . I have knowledge of Machine Learning and Neural Networks and am also familiar with backend development. I have Excellent abilities in solving problems and has calm and analytical approach to any difficult situation.

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## EDUCATION

### B.E in Information Technology

Pune Institute Of Computer Technology, Pune

2019 - 08/2022

GPA :- 9.15 ( till 5th sem)

### Higher Secondary School

Bhaskaracharya Jr. College, Aurangabad

2018 - 2019

81.83%

### Secondary school

Nirmal International School

2016 - 2017

CGPA : 9.8

## PERSONAL PROJECTS

### Autoencoder : Grayscale to color image

- Aim of project was to help in colorization of grayscale images
- Used the U-Net ConvNet Architecture for end-to-end image colorization.
- Used Streamlit Framework for Model Deployment
- The model achieved an accuracy of **55.14%** and a mean absolute error(MAE) of **0.0464** on the test set

### Troll Detector

- Aim of the project was to develop the models which can successfully classify comments (offensive or not )
- Train the model on ml algorithms like Naive Bayes and XGBoost as well as on deep learning models like Lstm.
- Was successfully able to get **95.5%** accuracy on testing

## WORK EXPERIENCE

### Software Developer Intern

Persistent Systems

06/2022 - 08/2022

Pune

Achievements/Tasks

- successfully trained CNN Model with ResNet50 as base model
- tracked and deployed end to end pipeline on mlflow platform

### ML Intern

Fyenn Labs

01/2022 - 03/2022

Remote

Achievements/Tasks

- Developed a model to group the customers via k-means clustering
- applied PCA for dimensionality reduction and feature engineering to get better result.

## SKILLS

C

C++

Java

Python

Data Structures

Numpy

Pandas

Machine Learning

Deep Learning

EDA

HTML5

Java Script

Django

SQL

MongoDB

## ACHIEVEMENTS

### Jee Mains

Top 4000 in all over India with 98.47 percentile

### CET

TOP 1000 in Maharashtra with 98.99 percentile

## CERTIFICATES

### Improving Deep Neural Network

Deeplearning.ai, Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization

### Neural Networks And Deep Learning

Deeplearning.ai, Online

## LANGUAGES

### English

Professional Working Proficiency

### Hindi

Full Professional Proficiency

## INTERESTS

Problem Solving

Coding

Reading

Music