

# Vamsy Vrishank

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## EDUCATION

### NIT TRICHY

B.TECH IN METALLURGICAL  
ENGINEERING

CGPA - 8.34  
2017-2021

### PRAGATI VIDYA PEETH

12TH CBSE

Score - 93%

10TH CBSE

CGPA - 10

## LINKS

Github:// [vamsyvrishank](#)

LinkedIn:// [vamsyvrishank](#)

## COURSEWORK

### UNDERGRADUATE

Applied Machine Learning  
Deep Learning  
Applied Text Mining in Python  
Social Network Analysis Python  
Natural Language Processing  
Cloud Computing  
Sequence Models

## SKILLS

### PROGRAMMING

Over 5000 lines:

• C++ • Python

Over 1000 lines:

C • HTML • CSS

Familiar:

• React • MongoDB • MySQL • C#

## AREAS OF INTEREST

- Machine Learning
- Natural Language Processing
- Computer Vision
- Web Development

## EXPERIENCE

### MOTHERSON-SUMI INFOTECH | DATA ANALYST TRAINEE

Dec 2018 – Jan 2019 | Noida, India

- Geodemographic segmentation models(Churn rate,fraudulent transactions)
- Multivariate Classification and Regression Analysis was performed on various products by SMG.

## PROJECTS

### MOVIE REVIEWS ANALYZER

- Implemented Bidirectional LSTM(Long Short Term Memory) on imdb dataset available in tensorflow\_datasets which would take reviews from user and output the sentiment i.e percentage probability of a review being positive.  
[https://github.com/VamsyVrishank/movie\\_sentiment\\_analyzer](https://github.com/VamsyVrishank/movie_sentiment_analyzer)

### PLAGARISM DETECTOR

- A flask web-app was built for detecting the similarity percentage between two text documents.  
Technologies used : •Flask • Python •HTML • CSS  
<https://github.com/VamsyVrishank/plagarism-detector>

### MOVIE RECOMMENDER

- A content based movie recommendation engine was built, text data was converted using sklearn CountVectorizer and cosine similarity was found. Values in decreasing order give movies most recommended to user when input movie is given .  
[https://github.com/VamsyVrishank/movie\\_recommender](https://github.com/VamsyVrishank/movie_recommender)

### SNAKEY

- Developed a snake game using Turtle module(Python feature like drawing board)
- Game implements turtle graphics which are vector graphics using a relative cursor (turtle object) in cartesian plane.  
<https://github.com/VamsyVrishank/snake-game>