

NEEMESH YADAV

@ generalom1234@gmail.com

+91-9810641769

Delhi, IN

in LinkedIn

Github

EDUCATION

Indraprastha Institute of Information Technology

B. Tech. Computer Science & Biosciences

2020-2024

Delhi, IN

GPA: 7.96/10

Ryan International School, Mayur Vihar

12th Grade

2018-2020

Delhi, IN

CBSE: 94%

Ryan International School, Mayur Vihar

10th Grade

2006-2018

Delhi, IN

CBSE: 92.6%

EXPERIENCE

LCS2

Undergraduate Student Researcher

May 2022 - Present

Website

- Current Research Interests include, but are not limited to, Explainability in Hate Speech and Knowledge Graphs.

Fiverr

Freelance Software Developer

January 2021 - February 2022

- Creating chatbots, develop softwares and solving algorithmic puzzles.

PROJECTS

Combating Hate Scalably

Vote! Don't Retrain: Combating Hate in a Scalable Way

January 2022

Github

- We perform extensive testing on the OLID dataset and combine many techniques like Maximum Voting for different Deep Learning Models while competing against our batchmates.
- Techologies Used: Python, HuggingFace, Scikit-Learn, Numpy.

Hope Speech Detection

Identifying Positive Actors in Toxic Discourses

January 2022

Github

- The main aim was to be able to detect "Hope Speech" efficiently. We tried both classical Machine Learning and Deep Learning models and beat the SOTA results for this task by a huge margin for both the defined tasks.
- Techologies Used: Python, Huggingface, Scikit-Learn, Numpy.

Zoneln

A MindMap Generator

January 2022

Github

- Made a Mind Map Generator, which would analyze the transcripts of recordings to create Mind Maps and Word Clusters to understand better the topics being discussed.
- Techologies Used: Python, KeyBERT, scikit-learn, and Flask.

ACHIEVEMENTS



The12Rings (Cryptic Hunt)

1st Place (out of around 50000 participants), December 2020



Byld+WiT Hackathon

2nd Place, February 2021



3 Consecutive Cryptic Hunts by IEEE-IIIT Delhi (Slash)

1st Place, January 2021-September 2022

Finalist at Anveshan-2022

January 2022

SKILLS AND LANGUAGES

Deep Learning, Machine Learning, Natural Language Processing, Social Computing, Information Retrieval

Python, PyTorch, TensorFlow, Numpy, Pandas, Matplotlib, OpenCV, plotly, discord.py, click, BeautifulSoup, Selenium, requests, Keras, HuggingFace, Mediapipe

HTML, JS, Arduino

Github, Git, Jupyter Notebooks

POSITIONS

Volunteer at ICON'22

19th International Conference on Natural Language Processing

Dec 2022-Dec 2022

- Helped out in smooth conduct of research talks and workshops.

Core Member Byld

Byld - The Software Development Club of IIIT Delhi

Feb 2021-Present IIIT Delhi

- Member of the Core Team of Byld.

dCrypy

A CLI based decryption/encryption tool

📅 August 2021

🔗 Github

- This tool incorporates multiple ciphers, which can be used to decode ciphertexts using the appropriate keys.
- Technologies Used: Python, click.

AbuseToFunny

A bot to filter hate speech on Discord.

📅 February 2021

🔗 Github

- We built a bot for Discord that helps filter out hate speech in chat threads and transform them into something funny. We incorporated these and selected the most appropriate funny words from the resulting weights and scores.
- Technologies Used: Python libraries such as Pandas, Discord.py, funny_words & NLTK, TextBlob, Perspective API, Google API Client and datasets for Abusive Words.