Hyderabad, India
neerudisaivikas@gmail..com

NEERUDI SAI VIKAS

linkedin.com/in/sai-vikas
github.com/kee1bo

I am a recent Computer Science Graduate and an aspiring Machine Learning engineer interested in building Natural Language Processing Language Models, and in research topics like Computational Complexity, Natural Language Processing.

Education

- **BTech. Computer Science and Engineering,** Indian Institute Of Technology Indore. **2016–2022**
- Relevant Coursework : Data Structure and Algorithms, Advanced Algorithms, Computational Intelligence, Machine Learning, Computer Vision, Theory of Computation

Technologies and Languages

- Languages: Python, Javascript, C++, Julia
- Technologies: MongoDB, Git, Pytorch, pandas, numpy, tensorflow
- Other: Data structures and algorithms, Machine Learning, Deep Learning, Natural Language Processing

Projects

- **NYX: A ChatBox**
  - I've trained a Language Model and named it **NYX**. It uses "Transformers" to deal with the context related problems.
  - The reason I've tried to train such a model is due to my fascination with the capabilities of ChatGPT. I wanted to verify to what extent my capabilities allow me to emulate such a cutting edge model.
  - Though I was faced with Computation scarcity, there is a clear demonstration on how I went about facing such challenges
- **Sentiment Analysis**:
  - Uses old use cases of NLP techniques to demonstrate their inefficiency and inaccuracy in the fast growing world, in which accuracy is just as important as speed.
  - UNIGRAM , BIGRAM Models
  -
- **Technical blogging** :
  - Most of my Learning journey I was heavily dependent on open source and free resources, right now I feel that I have sufficient knowledge to talk about and teach about it, though I am far from mastery.
  - There are some blogs on technical topics and about life I guess.

Interests

- I am interested in research towards Deep Learning Architecture and how intelligence will be developed or if I dare say nurtured in the future using machines.
- I am also working towards solving the Algorithmic Complexity problem of writing the permanent of a matrix in terms of determinant.