ADITYA AGARWAL

Bangalore,Karnataka

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EDUCATION

Kalinga Institute of Industrial Technology	June 2020 – June 2024
*B.Tech - Computer Science - **9.1***	*Bhubaneswar, India*

COURSEWORK / SKILLS

- Data Structures & Algorithms
- OOPS Concept
- Machine Learning
- Audio Analysis With Deep Learning
- Natural Language Processing
- LSTM
- Linux Environment

PROJECTS

DebaterX ⧉ | Technology Stack Used : Python,LSTM,NLP,Machine Learning,Sentiment Analysis

- **DebaterX is an Artificial Bot which can debate with human on Different Topics Uses Natural Language Processing for Generating and accepting response.**
  Does Real Time retrieval of information using web scrapping for Debating.
  Currently TWO Different versions of it are made (1) which supports audio input/output another (2) which takes input in form of text and provide output as text .
- Project Working Demo(Gdrive Link)

NoiseX(In-Progress) ⧉ | Technology Stack Used : Python,Deep Learning,CNN,DNN,Audio Analysis

- NoiseX is a one stop website which can remove background noise from an audio clip , can identify the number of speakers in an audio clip and can also separate the different users voice.
  It can also remix two songs given by the user using deep learning algorithms
- Project Working Demo(Gdrive Link)

Skin Cancer Classifier ⧉ | Technology Stack Used : Python,Deep Learning,CNN,Keras,TensorFlow

- About Project **It is a CN based Classifeir of skin cancer .It takes skin lesion as input and classifies it as benign or malignant.This project involves processing of image and pixel data**
- Project Working Demo(Gdrive Link)

TECHNICAL SKILLS

Languages: Python,C,C++, Go
Developer Tools: VS Code, Linux Environment,Intellij Idea Ultimate,Jupyter Notebook
Technologies/Frameworks: Linux, GitHub, TensorFlow, PyTorch,Scrapy,Numpy,Pandas

EXTRACURRICULAR

Project Wing By Microsoft Student Community	Sep 2021 – Dec 2021
Developer	*Bhubaneswar*

- I worked as machine learning developer under Microsoft Student Community Kiit chapter
- I Worked With Multiple Teams And Different Tech Like Web Scrapping , Audio Analysis And Many More.