Sukumaran S

 SukumaranGitHub | Sukumaran | sukumaran1004@gmail.com | 93440 50496

Passionate Machine Learning student, who wants to work on real-world projects, acquire knowledge, develop my skills and grow professionally as a machine learning expert.

PERSONAL PROJECTS

Brain Tumor Classification   Deployment Link   08/2022-Present

- A web page that detects whether the Patient has Tumor and Type of Tumor or No Tumor based on the brain MRI image.
- Skills Used: Streamlit-web deployment, image preprocessing, dataset augmentation, and feature matrix creation are the skills that were applied.
- Algorithm: CNN(I created my own architectural designs)

Deep Vision   08/2022-09/2022

- A website that uses live streaming video to determine if a person is signing or not.
- Skills Used: Streamlit-web deployment, OpenCV for live video processing, TensorFlow, and Keras to develop CNN.
- Algorithm: CNN(I created my own architectural designs)

Toxic comment Classification   08/2022-Present

- The dataset includes comments from several platforms, including YouTube, Instagram, and others. The model is designed to categorise whether a comment is hazardous or not and to provide a label based on that toxicity.
- Algorithm: Naive Bayes.

EDUCATION

M.Sc Integrated Artificial Intelligence and Machine Learning   (09/2020-Present)
At Coimbatore Institute of Technology   CGPA:8.87(Till 4th Semester)

Grade 12   (06/2019 - 03/2020)
At Bharath Vidhya Nikkettan, Pollachi   Percentage:88

Grade 10   (06/2017 - 03/2018)
At Bharath Vidhya Nikkettan, Pollachi   Percentage:96

SKILLS

- **Languages:**   Python , C , HTML , SQL.
- **Frameworks:**   OpenCV , Streamlit, TensorFlow, Keras, Pandas, Skicit, Heroku .
- **Tools:**   Docker, MySql , Microsoft Azure .
- **Soft Skills:**   Leadership , Public Speaking , Reading , Listener.

CERTIFICATIONS

- **Python For Beginners by Udemy**   (05/2021)
- **Master Class of AI by Pantech Solution**   (05/2022-06/2022)
- **Machine Learning A-Z by udemy**   (01/2022-Present)

AREA OF INTEREST

- **Machine Learning** • **Deep Learning** • **NLP** • **Image Processing**

ORGANIZATION

Hostel Committee Member   (2022 - 2023)
At Coimbatore Institute of Technology