Anand Maley

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ABOUT ME

I'm focused 4th year B.tech student , committed to doing things the right way and always eager to learn. Currently, I'm also diving into Japanese language studies, alongside honing solid teamwork and communication skills.

EDUCATION

Dayananda Sagar University , Bangalore

Bachelor of technology - CSE
CGPA: 8.09
2021 – Present

SharanBasaveshwar PU College , Kalaburgi

Science - 12th
Percentage - 89%
2019-2021

SharanBasaveshwar Residential Public School Kalaburgi

Secondary Education - 10th
Percentage - 96.64%
2018-2019

PROJECTS

Satellite Image Classification

Team Size: 4 **September 2023 - December 2023**
IDE : Google Colab
Technologies : Deep Learning, Machine Learning

- Built and trained a model using Python and popular libraries like TensorFlow and Keras to classify satellite images into Roads, Lakes, and Building accuracy.
- Implemented advanced data preprocessing techniques, such as normalization, augmentation, and feature extraction, to enhance model performance and robustness.
- Conducted extensive analysis of model metrics and fine-tuned hyperparameters to achieve optimal results, resulting in improved classification accuracy and reduced overfitting.

Eye Disease Classification

Team Size: 2 **February 2024 - May 2024**
IDE : Google Colab
Technologies : Deep Learning, Machine Learning

- Developed deep learning models, including AlexNet, ResNet-50, ResNet-18, GoogLeNet, and VGG19, for the classification of eye diseases.
- Conducted a comparative analysis of model performance on a benchmark dataset, evaluating factors such as accuracy, efficiency, and robustness to identify the most effective architecture. Conducted extensive model training and optimization, resulting in effective identification and labeling of various objects within aerial images.

- Managed the end-to-end process of model training, including data preprocessing, augmentation, and evaluation, resulting in comprehensive insights into model performance and suitability for medical image classification tasks.

Leukemia Image Classification

Team Size: 2 **February 2024 - May 2024**

IDE : Google Colab

Technologies : Deep Learning, Machine Learning

- Prepared leukemia classification dataset by resizing images to 128x128 pixels and encoding target labels for model training.
- Explored various deep learning architectures like SqueezeNet, Alexnet and VGG16 for leukemia classification. Trained models with optimized hyperparameters and employed techniques like early stopping for convergence.
- Evaluated model performance using accuracy, precision, recall, and F1-score metrics on validation data. Analyzed training/validation curves for convergence and addressed overfitting/underfitting issues.

SKILLS

Technical Skills

- Python, C, Java, C++, JavaScript

FrameWorks

- Scikit-Learn, Tensorflow

DataBase Language

- SQL

Tools

- MySQL WorkBench, Excel, Visual Studio

Frontend

- HTML, CSS

LANGUAGES

- English
- Hindi
- Japanese (Basic)
- Kannada
- Marathi

CERTIFICATES

- Machine Learning Professional Certificate - Rapid Miner
- Data Engineering Professional Certificate - Rapid Miner
- JAVA Basics - Great Learning
- Face Recognition in OpenCV - Great Learning

HOBBIES

- Chess
- Football
- Video Games