Kalla Rukmini

Kalla Rukmini | Facebook
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EDUCATION

INDIAN INSTITUTE OF TECHNOLOGY, BHU
B.Tech in Computer Science
July 2019-Present | Varanasi, UP
GPA: 9.13 / 10

SRI CHAITANYA JR COLLEGE
Senior Secondary Education -PCM
May 2017-19 | Vijayawada, AP
GPA: 10 / 10

SRI CHAITANYA SCHOOL
Secondary Education
Vijayawada, AP
GPA: 9.8 / 10

LINKS

Github: KallaRukmini7
LinkedIn: Kalla Rukmini

TECHNICAL SKILLS

PROGRAMMING LANGUAGES
• C • C++ • Python

FRAMEWORKS
• Tensorflow • Scikit Learn
• Numpy • Matplotlib

WEB TECHNOLOGIES
• HTML • CSS • MySQL • Django

SKILLS
• Data Structures • Algorithm Design and Analysis
• Deep Learning • Git • GitHub

AREAS OF INTEREST
• Natural Language Processing • Deep Learning
• Computer Vision

ACCOMPLISHMENTS

2021   Uber She++ 2021 - Top75
2021   Secured 427 rank in Project Her1.0
2021   Completed JP Morgan Chase and Co.
        Software Engineering Virtual Experience
2019   Eligible candidate for LPUNEST Scholarship
2019   786 Rank (Cat) in JEE Advanced 2019
2019   1085 Rank (Cat) in JEE Main 2019

PROJECTS

SOCIAL MEDIA TEXT PROCESSING
Natural Language Processing | Deep Learning

- I developed an improved deep learning-based approach to automatically classify the text using modified BERT(RoBERTa).
- Applied Self Training approach with LDA Topic modelling to automatically label the dataset.

HANDWRITTEN DIGIT RECOGNITION
Deep Learning | Keras

- I developed a Deep Learning model using MNIST dataset that recognises handwritten digits.
- This model is built using Convolutional Neural Networks in Keras library

BRAIN TUMOR CLASSIFICATION
Deep Learning | Keras

- Developed a model that classifies the type of tumor into 4 different categories : Glioma, Meningioma, Pituitary, No Tumor using Brain MRI Scans Dataset.
- Trained an Efficient Net Model in Keras to perform Image Classification.

LIBRARY MANAGEMENT SYSTEM
HTML | CSS | Django | MySQL

- A simple and effective management system that can be used in libraries for management of data
- It has authentication system for both admin and user.
- It has various library operations such as adding, issuing, viewing books to different users.

RELEVANT COURSES

Deep Learning Specialization | DeepLearning.ai
• Neural Networks and Deep Learning
• Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization
• Structuring Machine Learning Projects

Tensorflow Specialization | DeepLearning.ai
• Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning

POSITION OF RESPONSIBILITY

Member of Programming Club at IIT BHU
Executive at Workshop Team, Technex'20
Sophomore of Design Team, Codefest'19
Member of Sports Club at IIT BHU