Rudra Pratap Singh Ranawat

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CERTIFICATIONS

Introduction to TensorFlow
Applied Machine Learning
Deep Learning A to Z
The Data Science Course

SKILLS

PROGRAMMING
Python • C++

TOOLS AND TECHNOLOGIES
TensorFlow • Keras • PyTorch
• Tesseract • Sklearn • Pandas • Numpy

LINKS

Github:// **Rudra1234n**
LinkedIn:// **rudra2002**

COURSEWORK

Object Oriented Programming
Data Structures and Algorithms
Advanced Machine Learning
Computer Vision
Deep Learning
Data Science

EDUCATION

VIT BHOPAL
B.Tech in Computer Science
Specialization in AI and ML
May 2024 | Bhopal, India
CGPA: 7.54 / 10

DELHI PUBLIC SCHOOL
12. May 2020| Udaipur, India
Percentage: 75 / 100

DELHI PUBLIC SCHOOL
10. May 2018| Udaipur, India
Percentage: 70 / 100

HOBBIES

Boxing
Reading

EXPERIENCE

SAMTA INFOTECH PVT LTD | Machine Learning Engineer Intern
Apr 2023 - May 2023 | Remote
- Worked as a Machine Learning intern and developed various computer vision models.
- These sub-projects included Image Similarity (utilizing ResNet50, VGG16, and Cosine Similarity), Face Mask Detection, and Hand Wave counts.

PUCHO DIGITAL HEALTH INC | Deep Learning Researcher Intern
Jun 2022 – Aug 2022 | Remote
- Developed a model which helped in covid detection using digital vocal bio marker on the basis of clinical trials.
- Utilized various Deep Learning algorithms for prediction using more than 100 of datasets, data set visualization, and other tasks.
- Use analysis of breathing patterns, speaking style, and other factors to predict whether a person has COVID-19 or not.

PROJECTS

DIABETIC RETINOPATHY DETECTION
Feb 2023
- Bio Inspired computing of diabetic retinopathy detection using Machine Learning giving 83 percent accuracy. The project idea will be published in RTASCE 2023 as a Research Paper.

NUTRIENTS PREDICTION (NUTRIENTS INFRARED SPEC-TROSCOPY)
Apr 2022- May 2022
- Farmers can test their soil quickly, determine the necessary nutrients for better yields, and improve the local economy with accuracy greater than 70

RED LIGHT EYE
Mar 22
- Developed an ML-based system for automatic detection of number plates on vehicles violating red lights, enabling efficient and reliable traffic management.

RESEARCH

RTASCE-2023 | Researcher
Nov 2022 – Apr 2023 | Bhopal, India
Worked with **Mimansa Bhargava**, **Atulya Kashish Kumar** and **Prof. Dr. Manoj Kumar yadav** to create a "Bio Inspired Computing of Diabetic Retinopathy Detection using Machine Learning", which generally determine that the subject is suffering from it or not.

AWARDS

Year	Category	Description
2022	College	2nd runner up in Drona Event (Drone Building Completion)
2022	National	2nd runner up in Hack COVIT - 10 K Prize Money
2018	Platinum Shakti	3 years non beatable Fighter
2016	National(Gold)	MMA (For 3 years)
2015	District(Gold)	Polo
2014	National(Gold)	Boxing (For 2 years)
2012	National	Junior Editor (Dainik Bhaskar)