PRIYANSHU SANKHALA

Electrical and Electronics Engineer

@ priyanshu.nitrr.ele@gmail.com +91-8239910539 https://t.ly/54J2 https://github.com/priyanshusankhala

RESEARCH INTEREST

- Machine Learning , Deep learning , NLP , Computer Vision, Human Computer Interaction, Bert, TransformerXL

EDUCATION

B.Tech. in Electrical and Electronics Engineering
NATIONAL INSTITUTE OF TECHNOLOGY, RAIPUR
Cum.GPA: 8.36/10.0
June 2019 – Present Raipur,India

Twelfth
Major in Physics, Chemistry and Maths
SHIV JYOTI SCHOOL
Percentage: 73.2%
2018 Kota,India

Tenth, Major in Math & Science
Top 1 % in Class
Cum. GPA: 10.0/10.0
SHIV JYOTI SCHOOL
2016 Kota,India

ACHIEVEMENTS

- 6th position at TechExpo organized by IEEE Student Branch NIT Raipur as a part of ICPC2T
- City level runner up in TATA Rajasthan level Music Competetion

SKILLS

PYTHON | Machine Learning | LATEX | C++ | Pandas | PyTorch | OpenCV | Scikit-Learn | Numpy | Adobe Illustrator | Arduino

POSITION OF RESPONSIBILITY

Head of Design Team at Entrepreneurship Cell, NIT-RAIPUR
●Produced Non-eCommerce Creative Website layouts and content
●Utilized After Effects, Illustrator and other computer proficiency software in making motion graphic animation
MAY2020- Present

Event Manager, Innovaton-Summit19
Worked with Marketing team of 30 students to contact the sponsors such as The Times of India, The Week
2019

PROJECTS

Breast Cancer Analysis,ML| Kaggle
- Implemented random forest classifier and obtained an accuracy of 95 %.
- Used Label Encoder to differentiate between the diagnostic classes and dealt with missing values by replacing them with the arithmetic mean, median, and null values as per requirement.
- Predicted whether the cancer is benign or malignant through ML model.

Bank Fears Loanliness,ML| HackerEarth
- Predicted the number of loan defaulters from the collection of large dataset to extrude out the main cause of NPA
- Made new features using computational analysis and mathematical tools by manipulating the given features.
- Applied Random Forest classifier with hyper tuning the parameters using Grid Search.

Visual Explanation for Deep Learning
- From an image of an object (for example a dog), we replace its last connected layer with softmax layer which gives us probability of class features.
- Implemented Guided Backpropagation, Normal Propagation to explain classification decision of a DL Model
- Compared different methods that aim to explain prediction of a CNN.

TRAINING/CERTIFICATIONS

Coursera
An Introduction to Programming the IoT-Specialization- University of California Irvine
June 2020 – Aug 2020

Super Data System
Complete Machine Learning A-Z Course
2020

Scalar Academy
Build your firsr ML Project with Tensorflow
2020

Coursera
Python Data Structure Course
2019

LANGUAGES

English: Full Professional Proficiency

Hindi: Native