
PROJECTS:

1. Titanic Disaster: Predicting Survivability.

~ Implemented ML algorithms on Kaggle Titanic Dataset to predict the possible survivors of the disaster. Used Tools: pandas, seaborn, matplotlib (Data visualization), scikit-learn.

2. Motion Detection In a video.

~Used OpenCv in python environment to detect and spot the movements in a video.

3. Capsule network implementation

~ cassava plant dataset for the prediction of a diseased plant.

4. Red Wine Quality Prediction.

~ Used the Red Wine Quality dataset available on Kaggle to predict the quality (good, medium or bad) of Red Wine. Used algorithm: Random Forest Classifier and visualized the data using Matplotlib, Seaborn, pandas.

5. Real Time adaptive Traffic Control System using YoloV3 & YoloV4

~Project which got selected for Publication

6. Posture recognition using OpenCv.

7. Emotional Analysis of an individual using OpenCv.

8. Creating Objection Detection architecture from scratch.

9. Covid -19 spread analysis using Live data from John Hopkins University and implementing SIRD,SIR model.

10. Implementing Neural Network Architecture from Scratch.

PAPER PUBLICATIONS(Ongoing):

Title: Real time adaptive traffic control System using YOLOV4 Algorithm

Publication Name: International Journal Of Computer Science and Information Technology

Title: Capsnet-VGG16 Architecture for Cassava Plant Disease Detection

Publication Name: IEM ICDC conference, Springer, Institute of Engineering & Management College, Kolkata

WORK EXPERIENCE:

COMPANY: COGNIZANT TECHNOLOGY SOLUTIONS

ROLE : PROGRAMMER ANALYST(QUALITY ASSURANCE ENGINEERING)

SKILLS : Java, Sql, Selenium, SoapUi, Cucumber, Automation , Functional Testing

INTERNSHIPS:

1. Machine Learning Engineer at Analysed(Hyderabad).
2. Digital Analyst/Marketing intern at AICTE,Ministry Of Education(New Delhi)

OVERALL SKILLS:

1. Java ,C,Sql,MySql,
2. Automation, Functional Testing, SDLC,
3. DBMS, RDBMS,OOPS(Object Oriented Programming) concepts,
4. Python- Pytorch, SKlearn, ScikitLearn, Numpy, Pandas,Keras,OpenCv, Tensorflow,
5. Data Structures & Algorithms,
6. Data Science & Analytics , Machine Learning .
7. Operating System.

EDUACTIONAL QUALIFICATIONS:

Degree	Stream	Institute	Marks
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B. Tech	Electrical & Electronics Engineering	Institute of Engineering and Management, Kolkata (2017-2021)	7.9
CBSE (10+2)	Science Stream	Indira Gandhi Memorial School,Kolkata (2017)	66.33%
ICSE (10)		Auxilium Convent School,Bandel (2015)	81.33%