



Deep Learning Projects List

S.NO	PROJECT TITLE	DOMAIN
1.	Liver Disease Prediction Using GA Features Selection, Social Spider Optimization And CNN Classification	DL
2.	Detecting Web Attacks With End-To-End Deep Learning	DL
3.	Graphical Password Authentication	DL
4.	Deep Learning Approach For Multimodal Biometric Recognition System Based On Fusion Of Iris, Face, And Finger Vein Traits	DL
5.	Eyedeep-Net: A Multi-Class Diagnosis Of Retinal Diseases Using Deep Neural Network	DL
6.	Object-Centric Masked Image Modelling-Based self-Supervised Pre-Training For Remote Sensing object Detection	DL
7.	Detection Of PCB Surface Defects With Improved Faster-RCNN And Feature Pyramid Network	DL
8.	Two Factor Worm Detection Based On Signature & Anomaly	DL
9.	Children ADHD Disease Detection Using Pose Estimation Technique	DL
10.	Classification Of Diabetic Retinopathy Disease Levels By Extracting Topological Features Using Graph Neural Networks	DL



11.	A Morphological Approach To Text String Extraction From Regular Periodic Overlapping Text/Background Images	DL
12.	Traffic Lights Detection And Classification Using Resnet50	DL
13.	Road Accident Severity & Hospital Recommendation Using Deep Learning Techniques	DL
14.	Guava Disease Detection Using Convolution Neural Networks	DL
15.	Rapid Detection Of Camouflaged Artificial Target Based On Polarization Imaging And Deep Learning	DL
16.	Password Manager With Multi-Factor Authentication	DL
17.	Fake Logo Detection	DL
18.	Feedback Network For Image Super-Resolution	DL
19.	Voice Disorder Classification Using Convolutional Neural Network Based On Deep Transfer Learning	DL
20.	Identification-Of-Weeds-From-Crops-Using-Convolutional-Neural-Network	DL
21.	Green Green Approximate Computing For Next Generation Sustainability	DL



22.	Rice Disease Detection Using Deep Learning And Transfer Learning Resnet	DL
23.	Enhanced Spam Comment Detection Using Machine Learning And Deep Learning	DL
24.	Food Demand Prediction Using The Nonlinear Autoregressive Exogenous Neural Network	DL
25.	Detecting And Mitigating Botnet Attacks In Software-Defined Networks Using Deep Learning Techniques	DL
26.	Next Word Prediction Using Lstm	DL
27.	Image Caption Generation Using Contextual Information Fusion With Bi-Lstm	DL
28.	Plant Leaf Disease Prediction	DL
29.	Printed Circuit Board Defect Detection Methods Based On Image Processing, Machine Learning And Deep Learning A Survey	DL
30.	Liver Tumor Segmentation And Detection	DL
31.	Traffic Sign Board Recognition11	DL
32.	Remote Sensing Image Analysis Using Deep Learning	DL



33.	Disease Identification In Iris Crypts	DL
34.	Poultry Diseases Diagnostics Models Using Deep Learning	DL
35.	Intelligent Crime Anomaly Detection In Smart Cities Using Deep Learning	DL
36.	Generation And Detection Of Face Morphing Attacks	DL
37.	Detection Of Stress In It Employees	DL
38.	A Novel Speech Intelligibility Enhancement Model Based On Canonical Correlation And Deep Learning	DL
39.	Face Images Synthesis From Speech Using Conditional Generative Adversarial Network	DL
40.	Two Factor Authentication Voting System	DL
41.	Pest Classification Using Efficientnetv2l	DL
42.	Sentiment Based Rating Prediction Using Bert & Lstm	DL
43.	Multi-Disease Detection System With X-Ray Images Using Deep Learning Techniques	DL



44.	Image Caption Generation Using Deep Learning	DL
45.	Deep Learning For Human Affect Recognition: Insights And New Developments	DL
46.	A Deep Learning Approach Towards Detection Of Kidney Stone Using Ct Scans Images	DL
47.	Classification Of Diabetic Retinopathy Disease Levels By Extracting Topological Features Using Graph Neural Networks	DL
48.	Smart Artificial Intelligence Based Online Proctoring System	DL
49.	Density Based Smart Traffic Control System	DL
50.	Deep Learning Techniques Based Predicting Credit Defaultpredicting Bank Loan Defaults	DL
51.	Authorship Attribution Using Deep Learning	DL
52.	Suspicious Activity Detection Using CNN	DL
53.	Breast Cancer Detection Using CNN And RNN(Hybrid)	DL
54.	Cricket Ball Trajectory Prediction And Tracking Using Hybridtransfer Learning With Resnet50, Alexnet, Resnet18, And Custom Convolutional Neural Network.	DL



55.	Controllable Image Synthesis With Attribute-Decomposed Gan	DL
56.	Classification Of Pests Using Computer Vision CNN Algorithm	DL
57.	Lung Cancer Prediction	DL
58.	Deep Learning-Based Classification For Melanoma Detection Using Xceptionnet And Densenet121.	DL
59.	Generating Synthetic Images From Text Using RNN & CNN	DL
60.	Real-Time Traffic Surveillance And Detection Using Deep Learning And Computer Vision Techniques	DL
61.	Video Summary	DL
62.	Illuminating Autonomy Federated Learning For Object Detection In Autonomous Vehicles Under Low-Light Conditions	DL
63.	Data Augmentation With PGGAN & Multiclass Classification With VGG16	DL
64.	Character Segmentation & Recognition	DL
65.	Remaining_Shelf Life Estimation Of Fresh Fruits And Vegetables During Transportation	DL



66.	Deepfake Detection On Social Media Leveraging Deep Learning And Fasttext Embeddings For Identifying Machine-Generated Tweets	DL
67.	Bone Fracture Detection System	DL
68.	Paacda Comprehensive Data Corruption Detection Algorithm	DL
69.	Location-Aware Adaptive Normalization A Deep Learning Approach For Wildfire Danger Forecasting	DL
70.	Fish Disease Detection Using Cnn	DL
71.	Groundwater Level Prediction Using Hybrid Random Forest And Dcnn	DL
72.	Aircraft Identification Using Deep Learning Algorithm	DL
73.	Skin Cancer Detection Using Cnn Algorithm	DL
74.	Crop Yield Prediction Using Rnn (Lstm) Algorithm	DL
75.	Chinese Aircraft Identification Using Deep Learning Algorithm	DL
76.	Cyber Threat Detection Using Deep Learning	DL



77.	Wild Bird Species Identification Based On A Lightweight Model With Frequency Dynamic Convolution	DL
78.	CNN-LSTM Driving Style Classification Model Based On Driver Operation Time Series Data	DL
79.	Autonomous Landing Scene Recognition Based On Transfer Learning For Drones	DL
80.	A Deep Learning-Based Experiment On Forest Wildfire Detection In Machine Vision Course	DL
81.	Automated Road Damage Detection Using UAV Images And Deep Learning Techniques	DL
82.	Creating Alert Messages Based On Wild Animal Activity Detection Using Hybrid Deep Neural Networks	DL
83.	Diagnosis Of Alzheimer's Disease Using Convolutional Neural Network With Select Slices By Landmark On Hippocampus In MRI Images	DL
84.	Ffm: Flood Forecasting Model Using Federated Learning	DL
85.	Detecting Novelty Seeking From Online Travel Reviews: A Deep Learning Approach	DL
86.	Pain Recognition With Physiological Signals Using Multi-Level Context Information	DL
87.	Ship Detection Based On Faster R-CNN Using Range-Compressed Airborne Radar Data	DL



88.	Tongue Colour Classification In TCM With Noisy Labels Via Confident-Learning-Assisted Knowledge Distillation	DL
89.	Darknet Traffic Analysis: Investigating The Impactof Modified Tor Traffic On Onion Servicetraffic Classification	DL
90.	Hybrid Deep Learning Algorithms For Dog Breedidentification—A Comparative Analysis	DL
91.	3D-CNN And Autoencoder-Based Gas Detection In Hyperspectral Images	DL
92.	Human Behavior Recognition Based On Multiscale Convolutional Neural Network	DL
93.	DEARNN A Hybrid Deep Learning Approach For Cyberbullying Detection In Twitter Social Media Platform	DL
94.	Monkeypox Diagnosis With Interpretable Deep Learning	DL
95.	Nighttime Pedestrian Detection Based On A Fusion Of Visual Information And Millimeter-Wave Radar	DL
96.	Deep Transfer Learning Based Parkinson's Disease Detection Using Optimized Feature Selection	DL
97.	Solar Cell Surface Defect Detection Based On Optimized Yolov5	DL
98.	Retina Segmentation Using UNET & Diabetic Retinopathy Detection	DL



99.	A Deep Attentive Multimodal Learning Approach	DL
100.	Remote Sensing Image Analysis Using Deep Learning	DL
101.	Image Steganography With CNN Based Encoder-Decoder Model	DL
102.	A Practical Animal Detection And Collision Avoidance System Using Computer Vision Technique	DL
103.	Object Detection Web Application	DL
104.	Emotion Detection From Video And Audio And Text	DL
105.	Content Based Image Retrieval For Archaeology Dataset Using Deep Learning	DL
106.	Breast Cancer Diagnosis On Pathological Images Data Augmentation Method: Cycle GAN	DL
107.	Traffic Rules Violation	DL
108.	Deep Fake Images And Videos Detection Using Deep Learning Techniques	DL
109.	Microwave Medical Image Segmentation For Brain Stroke Diagnosis Imaging-Process-Informed Image Processing	DL



110.	Traffic Lights Detection And Classification Using Resnet50	DL
111.	LED Dot Matrix Text Recognition Method In Natural Scene	DL
112.	A Morphological Approach To Text String Extraction From Regular Periodic Overlapping Textbackground Images	DI
113.	Classification Of Diabetic Retinopathy Disease Levels By Extracting Topological Features Using Graph Neural Networks	DI
114.	Microwave Medical Image Segmentation For Brain Stroke Diagnosis Imaging-Process-Informed Image Processing	DI
115.	Student Emotion From Image And Video Android Application	DI
116.	Deep Learning For Secure Mobile Edge Computing In Cyber-Physical Transportation Systems	DI
117.	Utilizing Deep Learning Approaches For Text Summarization	DL
118.	Pancreatic Tumor Detection Using Image Processing	DL
119.	A Deep Learning Based Efficient Firearms Monitoring Technique	DI
120.	Abnormal Traffic Detection Based On Attention And Big Step Convolution	DL



121.	Creating Alert Messages Based On Wild Animal Activity Detection	DL
122.	Skin Lesion Classification Using CNN Densenet Architecture With Data Augmentation	DL
123.	Automated Android Malware Detection	DI
124.	Trustworthy And Reliable Deep-Learning-Based Cyber Attack Detection In Industrial Iot	DL
125.	Detection Of Real-Time Malicious Intrusions & Attacks In IOT Empowered Cybersecurity & Infrastructures	DL
126.	Fake Human Face Generation Using DCGAN	DL
127.	Deep Fake Images and Videos Detection Using Deep Learning Techniques	DL
128.	Microwave Medical Image Segmentation for Brain Stroke Diagnosis Imaging-Process-Informed Image Processing	DL
129.	A Novel Approach to Detect Copy Move Forgery using Deep Learning	DL