

Python – ML, AI, NN, IP Based Project Title

Python + Embedded Project List

- Crop Prediction and Efficient use of Fertilizers using Machine Learning
- ML using Sensors for Airbreathing Propulsion of Turojet Engine
- ML using Sensors for Stress Prediction in Working Employees
- Real Time Face Mask Detector for Covid-19 Safe Social Distancing
- Artificial Intelligence based Material Sorting for Industrial Production
- 1_PyEm_TerrorBot – Cascade Classifier to Detect Terrorist and Soldiers
- 2_PyEm_Human Stress Analysis using Sensors and Machine Learning Techniques
- 3_PyEm_Feature Extraction Based Airport Baggage Conveyor Alert System
- 4_PyEm_Automatic Control of Driver fatigue and drowsiness Landmark Predictor
- 5_Py_Artificial Intelligence based Material Sorting for Industrial Production
- 6_Py_CNN based Leaf Disease Identification and Remedy Recommendation System
- 7_PyEm_Feature Extractor Analysis for Traffic Clearance in Emergency for Ambulance and Fire Engines
- 8_PyEm_Development of food tracking system using machine learning
- 9_PyEm_Trainable Automatic Robot For Agriculture Plant Leaf Weeding
- 10_PyEm_Machine Learning Approach for Air Quality Prediction and Analysis
- 11_PyEm_ML Analysis of Emotion Detects, Anxiety and Depression in adult
- 12_PyEm_Machine Learning Applied to Electrified Vehicle Battery SOC and SOH Estimation

- 13_PyEm_Real-time Eye Tracking for Password - Gaze based Pin Authentication
- 14_Py_Machine Learning based Brain Tumor Analysis using CNN with SMS Notification
- 15_PyEm_Motorcycle Helmet Wear Analysis using SIFT Feature Extractor
- 16_PyEm_Machine Learning based Finger Gesture Recognition from Hospital Assistant
- Face Recognition and Age Estimation Implications of Changes in Facial Features
- CVUCAMS: Computer Vision based Unobtrusive Classroom Attendance Management System
- IP-SUPER-PIXEL BASED FINGER EARTH MOVER'S DISTANCE FOR HAND GESTURE RECOGNITION
- Accelerometer-Based Human Fall Detection Using CNN
- Industrial Machine Shop Floor Operator Eye Closure and Yawning Analysis and Control using Landmark Predictor
- Sleepy behind studies - Student Drowsiness Control using Landmark Predictor
- Student Eyes Closure and Yawning Detection for Drowsiness Analysis using Landmark Predictor
- EmoPlayer - Feature Extractor Approach for Emotion Based Music Player
- Modified Convolutional Neural Network Architecture Analysis for Facial Emotion Recognition
- Elderly Assistant based on Face Emotion and Posture Analysis
- Face Feature Extractor for Emotion Analysis and Behavior Analysis of a Prisoner
- Soil Classification using Machine Learning Methods and Crop Suggestion Based on Soil Series

- Clusters of Features Using Complementary Information Applied to Gender Classification
- Fingerprint Image Identification for Crime Detection
- A Novel Cascade Classifier of Vehicle Unlocking System Based on Face Recognition
- Deep learning-based helmet wear analysis of a motorcycle rider for intelligent surveillance
- Restricted Zone SIFT Feature Extractor for ATM Security, Helmet Detection
- Accelerometer-Based Human Fall Detection Using Convolutional Neural Networks
- A Novel Cascade Classifier of Vehicle Unlocking System Based on Face Recognition