Sample Projects

- Detecting Figures from PDFs with YOLOv5
- Pet Adoption
- Music Genre Categorization
- Automated License Plate Recognition
- Traffic Sign Recognition
- This Impressionism Painting Does not Exist
- Face Mask Detection
- A Web-Based Hand-Writing Equation Solver
- Pokemon Recognition
- Facial Expression Detection
- Captioning Images Based on their Content
- Food Category Recognition
- Identifying Malicious URLS
- Car Price Estimator
- Landmark Classification
- Facial Keypoint Detection
- Detecting the Style of a Painting
- Fruit Classification
- Generate Anime Faces with GANs
- Generating Sheet Music from Audio Piano Recording
- Mushroom Classification
- FaceToon: Converting Human Faces to Cartoon
- Predicting the Location and Magnitude of the Next Wildfire
- Classifying Dog Breeds
- Deep learning for self-driving vehicles
- Multi-Species Detection Classification Software
- Music Genre Recognition Model
- Plant Disease Classification
- Multi-label Book Genre Classification by Plot Summary
- InstantDiag: Four-Class Chest X-Ray Classifier
- Fake News Detector
- Growing the Future of Deep Learning in Agriculture
- Masked Face Recognition
- Creating Abstractive Summaries Using Sequence To Sequence Learning For Social Media Posts
- Skin Cancer Classifier using Dermatoscopic Images of Pigmented Lesions
- Rotten Fruit Classification
- The Blood Cell Classifier
- Classifying Fresh and Rotten Fruits
- Garbage Sorting
- Big Fungus
- “Steal Their Look” with Machine Learning: Fashion Recommendation Model
- Generating Song Lyrics with Artificial Intelligence
- Predicting Republican/Democrat Tweets
- Art Style Identification
- Transforming Satellite Images into a Google Maps Format
- Waste Classification
- Eye Diseases Classification from OCT Scans
- A Recurrent Neural Network Pipeline for Programming Language Prediction

- Early Diagnosis of Invasive Ductal Carcinoma Using Deep Learning
- Instrument Classifier
- Using Machine Learning to Classify Pneumonia and COVID-19 in Chest X-rays
- Facial Age Progression and Regression
- Detecting Basketball Courts from Satellite Imagery using Faster-RCNN
- Rock, Paper, Scissors
- Magic the GANthering: Card Generation using WGANs
- Developing a Machine Learning Model to Predict Heart Disease
- Deep Implant
- Classifying the Positioning of Central Venous Catheters on Chest X-Rays
- SleepCatcher
- Face Mask Detection
- Machine Learning Model for Instrument Identification
- Snapshot Serengeti
- Waste Classification System
- AI Composer
- Covid-19 Radiography Classification
- Identifying and Diagnosing COVID-19 Patients with X-ray Images
- Image Colorization
- Spoken Digit Recognition Project
- House Number Image Inpainting
- Dog Group Classification with CNNs
- Diagnosing Pneumonia from Chest X-Rays
- Traffic Sign Recognition
- Music Genre Classification
- Oregon Wildlife Classification
- CAPTCHA Bypass