Pranav Khanna

email-id:pranikhanna1998@gmail.com

EDUCATION

IIT INDORE
B.TECH IN ELECTRICAL ENGINEERING
Expected May 2020 | Indore, India

PACE JUNIOR SCIENCE COLLEGE
INTERMEDIATE
May 2016, Mumbai India
Percentage : 86.6%

LILAVATIBAI PODAR SCHOOL
HIGH SCHOOL
May 2014, Mumbai, India
Percentage :94.7%

Deep Learning Skills

1)Convolutional Neural Networks

2)Algorithms and Techniques-CNN's,RNN's,Pooling,Softmax,Relu,Sigmoid,Regularization, Dropout,Multiclass Classifier,Regressor

3)Courses-Deep Learning.ai courses on coursera

a)Neural Networks and Deep Learning

b)Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization

c)Structuring Machine Learning Projects

d)Convolutional Neural Networks

Collaborations

The Robotics Club-Robotics Club around the JdeRobot open source robotics project.

I am a collaborator with Jderobot-The RoboticsClub working in the field of Deep Learning/Computer Vision.

Links-https://github.com/TheRoboticsClub/2018-colab-PranavKhanna

My Projects In Deep Learning

1)ObjectDetector

The aim of this project is to integrate a tensorflow api of object detection with the Ice components and displaying the detections
real time. This project was done in collaboration with Jderobot -The RoboticsClub organisation.This code is a replicated code of an already existing code
link-https://github.com/TheRoboticsClub/2018-colab-PranavKhanna/tree/master/object_detector

2)Gesture Recognizer

-The aim of this project is to recognize simple gestures like stop,punch,peace,ok or None.
-It is written in Tensorflow,numpy and opencv
-This model can recognise gesture from real time images captured from the webcam
link-https://github.com/kpranav1998/gesture_recognizer

3)Number of finger recognizer

-The aim of this project is to recognize the number of fingers in the image.
-It is written in Tensorflow,numpy and opencv
--This model can recognise real time images captured from the webcam.
Link- https://github.com/kpranav1998/num_of_fingers

Other Machine Learning Skills

1)Polynomial Regression,Logistic Regression,

2)Courses -Machine Learning by Andrew ng (https://www.coursera.org/learn/machine-learning)

3)Algorithms and Techniques-

a)Linear Regression with Multiple Variables
b)Logistic Regression
c)Regularization
d)Support Vector Machines

Deep Learning Frameworks And Languages

1)Tensorflow
2)C++
3)Numpy
4)Scipy
5)Python
6)Octave/Matlab
7)JAVA

Other Skills And Projects

1)Query(a website for posting queries and feedbacks)
May 2017 - July 2017 | Indore, India
•Created using PHP,Javascript,Html,Css,Bootstrap
•Have 87 active users catering the needs of the students of IIT INDORE
Link - https://github.com/kpranav1998/query

2)Web Scraper
Sept 2017- Oct 2017 | Indore, India
•Users can download songs from an online music streaming website(gaana.com)
• Used python library urllib and requests.
Link - https://github.com/kpranav1998/gaana.com-script

AWARDS

•Achieved an All India Rank of 3400 in JEE ADVANCED 2016 among 1,50,000 candidates