Columbia University
IEOR4742 – Deep Learning for OR & FE (Hirsa)
Assignment 3 – Due 11:40 am on Thursday March 26th, 2020

Problem 1 (Convolutional Neural Networks): In the sample code code *example_CNN.jpynb*

  (b) add two more convolutional layer with max pooling and assess the impact of extra convolutional layers on accuracy

  (a) what are the number of parameters we are trying to learn in the original code and the new one with two extra layers?

Problem 2 (Batch Normalization): For the first problem assess the impact of batch normalization on learning (speed & accuracy)?