Machine Learning

ECE 4332 / ECE 5332
Spring 2019

Project 6

Train a convolutional neural network to recognize the MNIST handwritten digits. You may obtain the training and test sets from http://yann.lecun.com/exdb/mnist/. Your implementation will be judged on the following criteria.

a) Successful training and testing of classifier indicating training and test accuracies.
b) Live demo presenting capture and detection of handwritten digits.
c) **Extra Credit:** Live Demo presenting localization and identification of a handwritten digit that has been embedded in another image.

This is a group project. No more than three students are to form a group and make a single submission.

Upload your .m or .py file to Blackboard before midnight on May 13.