MATH 497 Introduction to Machine Learning, Fall 2019

**Homework 3**

Due Date: December 4, Wednesday, 1:30 PM

**Rules for HW3:**

• You are allowed to discuss HW3 with fellow students. But you have to write your own answer independently.

• You have to write your own Python code by yourself. You are prohibited from sharing, copying any Python code from other students or any other sources.

**Problem:**

Following the [Course Notes](http://cs231n.github.io/) on

[CS231n: Convolutional Neural Networks for Visual Recognition, Spring 2019](http://cs231n.stanford.edu/)

for its [Assignment 1](http://cs231n.github.io/assignments2019/assignment1/) ,

* Fill in the missing code lines in two\_layer\_net.ipynb, keep the output of running each cell block, answer the Inline Questions.
* Fill in the missing code lines in neural\_net.py.
* Submit the files:
* two\_layer\_net.ipynb
* neural\_net.py

through blackboard Assignment Link.

(Note: If your submitted code do NOT include the output of running the cell blocks in two\_layer\_net.ipynb, you will receive ZERO points.)