**ECE 09495/09595**

**Assignment 2 – Jacob Matteo**

**Instructions**

1. Max Credit: 100 Points
2. All questions are from the Textbook – Dive into Deep Learning (<https://d2l.ai/>).
3. Submit a single PDF.

**Questions**

Complete all questions in Section 6.4.4 of the Textbook (<https://d2l.ai/chapter_convolutional-neural-networks/lenet.html#exercises>).

Expected Answers:

Q1 - Provide epoch vs loss/accuracy (training and validation) curves (as given at the end of section 6.2.2).

Q2 - Provide a single set of epoch vs loss/accuracy (training and validation) curves for the best model you could train. This will require substantial hyperparameter tuning. Please provide only one graph of the MLP that performs the best.

Q3 - Provide a set of epoch vs loss/accuracy (training and validation) curves for the best model.

Q4 – A plot for the activations.