CS410 Project Proposal

1. What are the names and NetIDs of all your team members? Who is the captain? The captain will have more administrative duties than team members.

   This team only contains one person, Brian Vien. The NetID is bvien2 and by default, he is the captain.

2. Which competition do you plan to join?

   I plan on joining the text classification competition.

3. If you choose the IR competition, are you prepared to learn state-of-the-art IR methods like query expansion, feedback, rank fusion, learning to rank, etc.? Name some more concrete methods or tools that you may have heard of. If you choose the classification competition, are you prepared to learn state-of-the-art neural network classifiers? Name some neural classifiers and deep learning frameworks that you may have heard of. Describe any relevant prior experience with such methods

   I am prepared to learn state-of-the-art neural network classifiers. I have multilayer perceptron, recurrent neural networks, and convolutional neural networks. I have heard of TensorFlow, Keras, and PyTorch. I have a little bit of prior experience with multilayer perceptron from coursework and have seen demos of TensorFlow. I hope to learn more through this competition.

4. Which programming language do you plan to use?

   I am planning on using Python3.8.