

CSCI-567 Assignment 2

First download the assignment starter code [here](#).

In this assignment, we will:

1. **Implement a convolutional neural network (CNN) from scratch**

In HW1, you have experimented with training and testing a predefined CNN, wherein PyTorch handled most of the forward and backward pass operations for you. This time, we are going to move things up a notch by letting you implement these operations yourself.

2. **Bring your own BERT (BYOB)**

BERT [[paper](#)] is a popular pre-trained foundation model for discriminative language tasks. In this assignment, we will implement our own BERT model (well...the forward pass of it) in PyTorch.

You can find code for each section under the [CNN/](#) and [BYOB/](#) directories of your starter code. To get started, walk through the [README](#) file in [CSCI-567-HW2](#).

Good luck!