* Team Members: Christina Youn, Carter Goldman, Livia Johan
* Brief description of project proposal & final deliverables
  + Create an image recognition model that can recognize American Sign Language letters (excluding J and Z because they require motion)
    - Using [this dataset](https://www.kaggle.com/datamunge/sign-language-mnist)
  + Final project deliverable:
    - Model that can identify American Sign Language letters in a live video stream
    - Test the model using photos and videos of us making signs for the different letters
* Two status report dates
  + 4/23 (40%):
    - Preprocessing all the data
      * B&W
      * Make images uniform size
      * Find contours
      * Feature extraction
    - Have an initial model
  + 5/7 (80%):
    - Have model structure finalized
      * Train the model on training and validation
      * Test the model on the testing set
    - Test the model on our photos
    - Start trying to feed in a video stream

Hi Dr. Shi,

We are emailing you regarding the machine learning project proposal. Our group members are:

Carter Goldman (cgoldma2), Livia Johan (ljohan), Christina Youn (cyoun)

For our project, we plan to create an image recognition model that can recognize American Sign Language letters (excluding J and Z because they require motion) using [this dataset](https://www.kaggle.com/datamunge/sign-language-mnist). For the final deliverable, we plan to create a model that can identify American Sign Language letters in a live video stream. We will test the model using photos and videos of us making signs for the different letters

Here is what we plan to have done for the two status reports:

* 4/23 (40%):
  + Preprocessing all the data
    - Make photos black and white
    - Make images uniform size
    - Find contours
    - Feature extraction
  + Have an initial model
* 5/7 (80%):
  + Have model structure finalized
    - Train the model on training and validation
    - Test the model on the testing set
  + Test the model on our photos
  + Start trying to feed in a video stream

Please let us know if there is anything we should modify on our project proposal.

Thank you,

Carter Goldman, Livia Johan, Christina Youn