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CSC 417

Course Project Requirements

* Python Programming Language.
* Potential Sklearn libraries
* Tensorflow Library.
* Numpy Library.
* Matplotlib
* Keras
* Opencv
* PIL (Python Imaging Library)
* Anaconda Python.
* Databases: I plan on creating my own database in terms of finding images, downloading them, and classifying them individually to see hwo accuracte the image classification algorithm is.
* Back up Databases: I have found a website that has a tone of different databases that I would be able to use for this assignment, in case I do not have a good database to categorize as a whole: <https://hackernoon.com/top-20-image-datasets-for-machine-learning-and-computer-vision-rq3w3zxo>
* Possible Video Tutorials:
  + <https://www.youtube.com/watch?v=Gz_PsRRxrHM>
  + <https://www.youtube.com/watch?v=iGWbqhdjf2s>