Project Y

# Summary

The goal of the project is to transcode the code in Dr. Yang’s paper (Wang, 2016) from MatLab® to python. And to implement the project using the TensorFlow™ libraries.

# Tasks

* Install PyCharm
* Get familiar with Python
* Install TensorFlow™
* Create Flower example with TensorFlow™

# Deadlines

* Create Flower example – 2018/11/11
* Final Completion – 2019/01/01

*2:30 P.M Sunday November 11, 2018*

**Anoop’s Notes**

* Today
  + Anoop
    - Planning to just follow the following guide as an initial project
    - https://machinelearningmastery.com/machine-learning-in-python-step-by-step/
    - Install Python 2.7 environment and Anaconda (for the 5 Python SciPy libraries necessary for tutorial)
  + Josiah
    - Work on his own feed forward network as opposed to deep neural nets or convolution.
  + Sid
    - finishing python tutorial to brush up SOLO Learn

To discuss with Professor Yang tomorrow after class

* Clarification of what we can realistically do before the end of the term.
  + Anoop
    - Can we have clarification of what the dataset means? As I understand it, we have 5 pictures of 80 different individuals. And we have columns of features of theses 400 rows
    - Use TensorFlow library machine learning functions to analyze the data.
    - Convert the matlab code to python (this may be a little hard)
  + Sid
    - blah
* Planning to meet at least once, every Sunday at 2 P.M to work on the project. Is it possible to have access to 3003?