ECE 180DA: System Design

Week 0 Report

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In today's lab, I set upped and got familiar with the tools I will be using in this and the following quarter. First, I created a public repository on GitHub and shared it with my TA and my teammates. This REPO will be the common workplace with my teammates when doing a group-based project. Then, I installed Anaconda Navigator which allows me to manage third party libraries and facilitate the python online communities. Next, I created a virtual environment and installed OpenCV. Under my new environment, I created a test.py python script and copied the little example shown in class. I added, committed and pushed changes to my remote repo. Last, after studying the OpenCV online examples, I made my little application to capture a colored upside-down video with my laptop built-in camera. Overall, this lab is interesting and inspirable.

In next week lab, I will bring in my newly ordered camera kit and play around with it. I will also study more advanced functions in the OpenCV libraries and use them for my project later in the class.