**Project-Semester 2**

For my first year Internet of Things project, I believe that a good starting project would be to develop a desk lamp/led strip that is light intensity dependent. This lamp will only turn on if its surrounding environment is below a certain light intensity and will remain of if the light intensity is above the threshold.

Perhaps (if not too advanced) it will also have a feature that after a certain amount of time, it will notify your mobile phone (via twitter, or perhaps sms) that the lamp has been on for a certain amount of time, this feature will be to prevent the lamp using up too much electricity. Again, if not too advanced, perhaps I could also be able to turn off the lamp, if I so choose by responding with a certain phrase to the bot that will inform you about passing a certain time frame.

I believe that this will be relatively achievable with the Arduino kit (which I hope to purchase very soon), and a Raspberry Pi (which I am currently in possession of). Any feedback on whether this idea would be too advanced or the complete inverse, or even some general tips would be greatly appreciated.