EENG 260 Lab 2 Report

Ian Kaiserman

The largest hurdle with this lab was matching up various configuration settings with the correct I/O options, and how to handle said configuration settings. I had to experiment with several different patterns for what command to use, what values to put where (offsets, base addresses, etc), and what pins to assign them to. The biggest issue I ran into overall was figuring out the proper way to *read* the data coming from the switch differently from how I needed to *write* the data to the LED pin.

I learned a lot in terms of very internal interaction with I/O related hardware memory. Getting to actually manipulate various values to get switches to work, tell them what to do, and physically seeing a result was fun and interesting, and it felt like a more complex and involved version of messing with Arduino boards back in high school classes.