

**Alvin, ART385, LED Complexity, 3/17/20**

**Statement:** *Develop 'complex' functionality over break with switches and LEDs.*

Feel free to interpret this as you'd like. Don't put too much thought into it, just spend a little time with the code for your ESP32 and make your LED(s) light up in some interesting way. Use the LDR or button (or both) to trigger events.

You will be assessed on code legibility (specifically the comments), proper structure for the state machine, GitHub management, experimentation, the look-and-feel of the design document itself and following all the instructions.

The GitHub repo should be Called “**LED Complexity**” and should include a **README.md** and **LICENSE file** and the Art385 Design Document (called **DesignDocument.pdf**).

**Hand Drawn Sketches:**



to

p