

ECE 476/676 - Homework #11

BlueTooth - Due Wednesday, April 23rd

BlueTooth Motor & LED Control

Pick your favorite motor (DC servo motor, digital servo motor) and NeoPixel.

Write a Python program which uses BlueTooth to control the motor and NeoPixel

1) Requirements: Specify the

- Inputs (Bluetooth)
- Outputs (motor, NeoPixel)
- How they relate (what your embedded system does)

2) Python Code: Give the resulting Python Code

3) Motor Testing: Collect data to verify that you are able to control the motor through a bluetooth connection.

4) LED Testing: Collect data to verify that you are able to control the NeoPixel through a bluetooth connection.

5) Demo. Video or in person.