



OVERVIEW

- ▶ Run a **web server** *locally* using Python
 - ▶ Serve a **web page** (using HTML & JS) that gets color data from users
- ▶ Use **websockets** for client-server communication, allowing for multiple clients
- ▶ Use the ESP8266 microcontroller to control a WS2812B RGB LED
- ▶ Run a **websocket client** on the ESP8266 for receiving color data from the server
- ▶ Load **server** to the *cloud* so it can be accessed from anywhere