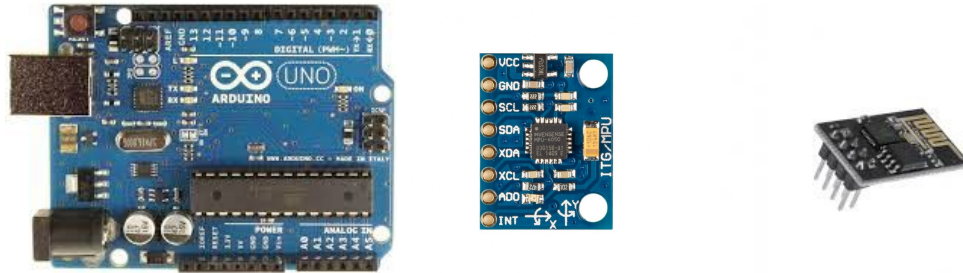


I used a Arduino Uno R3 (left) with a CY-521 MPU6050 gyroscope and accelerometer (middle) and a ESP8266 Wifi Module (right).

## Photos

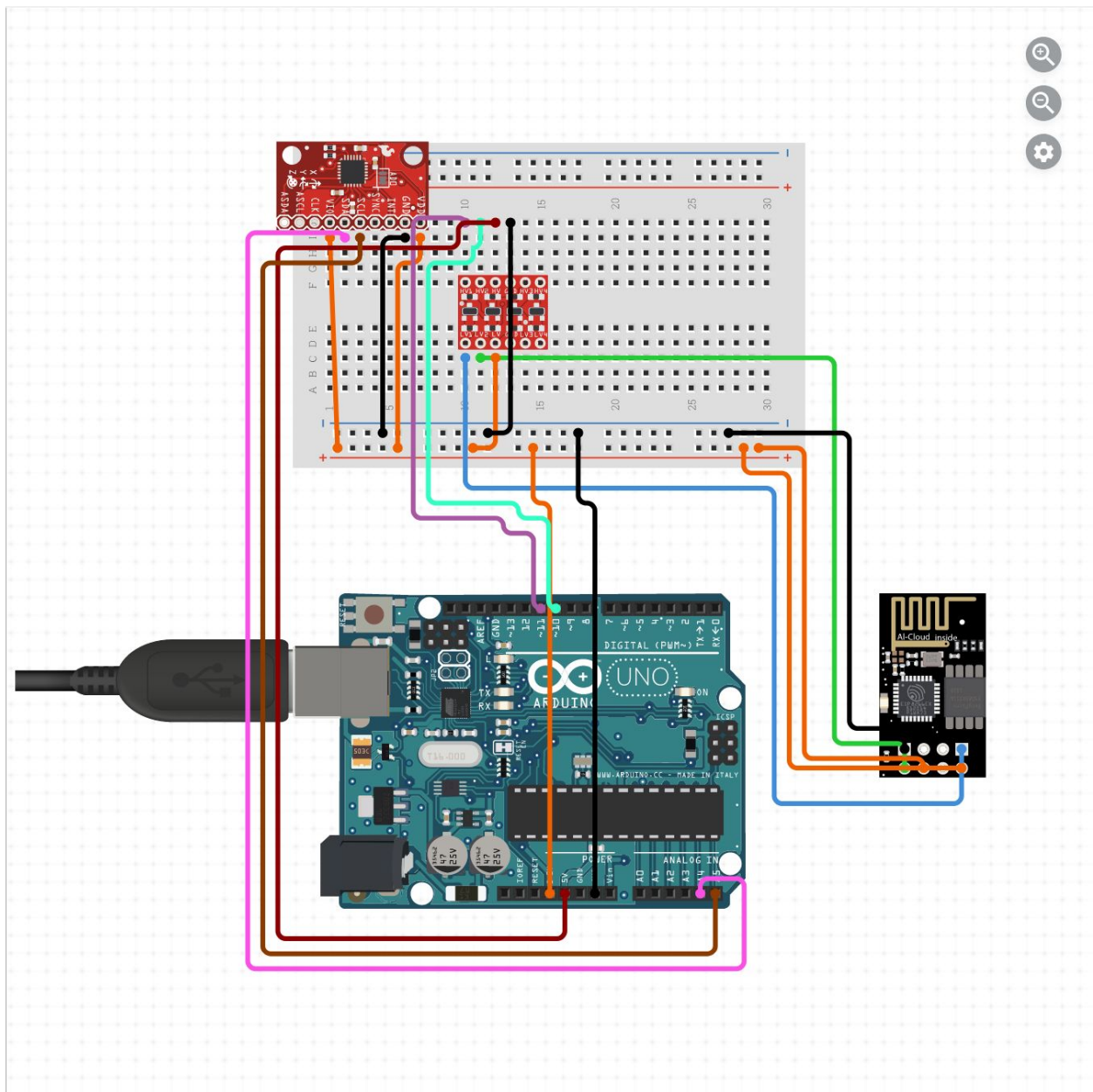


## Connections

MPU 6050	Arduino
VCC	5V
GND	GND
SCL	A5
SDA	A4
INT	2

ESP8266	Arduino
3V3	3.3V
RX	0 (Digital)
RST	
GPIO0	GND
EN	3.3V
GPIO2	
TX	1 (Digital)
GND	GND

## Circuit Diagram



## Use Cases

The main use case is navigating Google Earth, but it can also be used to scroll in browsers, and could be applied to Galaxy Pong and Galaxy Snake. It could also be used in games in conjunction with the KODI engine specified in other tasks. In addition, I have not implemented this yet, but tracking the accelerometer could serve as a signal to change modes, maybe to the one that flies to certain cities, or to other Liquid Galaxy Functions.