This folder contains all necessary software to send the sensor data from the LIDAR and IMU to the ROS node. The following sensors were used:

Laser - <https://www.digikey.com/product-detail/en/adafruit-industries-llc/1054/1528-1391-ND/5629439&?gclid=EAIaIQobChMIsdfrq5jf4AIVRpyzCh19QQasEAQYASABEgIjX_D_BwE>

LIDAR – Garmin LIDAR-Lite v3 - <https://buy.garmin.com/en-US/US/p/557294>

IMU – Adafruit Breakout BNO055 - <https://learn.adafruit.com/adafruit-bno055-absolute-orientation-sensor/overview>

In order to get the handheld sensor to work:

1) Copy the contents of the libraries folder into the Arduino libraries folder on the local machine

2) Wire according to the wiring diagram and assemble the 3D printed pointer

3) Upload the sketch named “HandheldSensingDevice” in the sketch folder onto an Arduino

4)