

Arduino ToF Helmet Materials List

Components

2x [VL53L0X Time of Flight Sensors](#)

1x Arduino R3

2x Red LEDs

2x 220ohm resistors

1x 170 pin breadboard

1x 9v battery + connector clip

10x Female-to-Male Dupont wires

Solid Single Core Tinned Copper Wire

Heat shrink tubing

7 breadboard jumper wires (can also use the above copper wire or male-to-male dupont wires)

Tools

[Soldering kit](#)

[Heat gun](#)

[Wire cutter and stripper](#)

All items listed above that does not have a link came in this [ELEGOO Arduino kit](#), making the cost I paid for this build \$8 (\$16) for the set of 2 ToF sensors, of which I bought two sets but used only one set.

Helmet Materials:

Tupperware container

Hobby knife

