09 Finalization
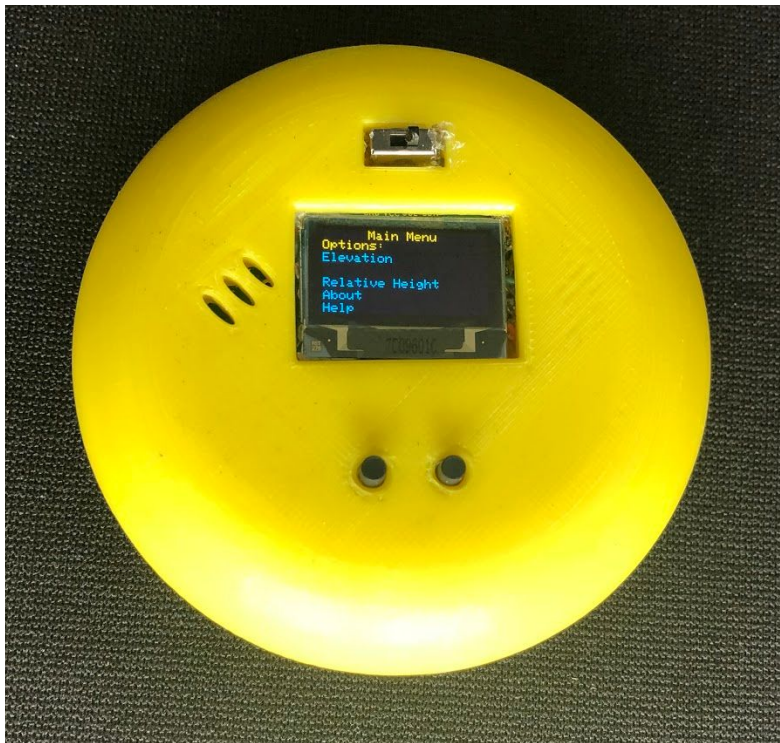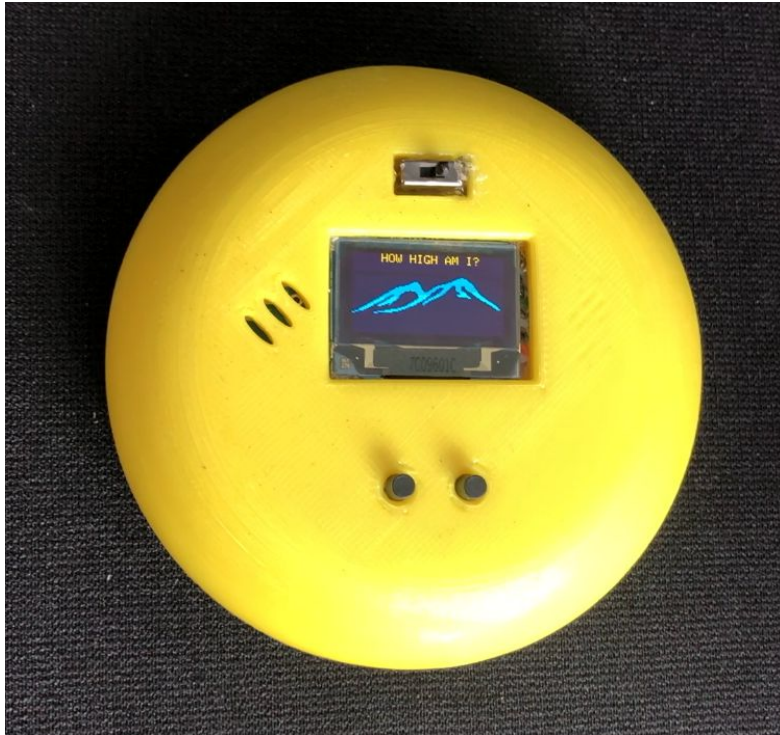
The software was finalized and uploaded to the Arduino Pro Mini. All components thoroughly connected to each other and soldered together. Components also (barely) fit into the casing to form a fully functional handheld device.

To test this item and its usability etc, I simply handed the testers the device and observed them as they figured it out. I wanted this item to be rather intuitive in use and this started with the on/off switch at the top. They then maneuvered their way through the different screens and menus, enjoying the different functions that the device afforded. Due to the lack of labeling on the buttons, they sometimes skipped over the height function where they needed to use the timer button to calculate their height. The easter egg in these tests was never found without any help, but reactions were strongly positive once they were pointed in the right direction.
In general, feedback showed that all the functions on the height page was slightly overwhelming, but besides that, the software was fully functional. The smoothness and ability to hold the item in one hand was enjoyed by the testers.