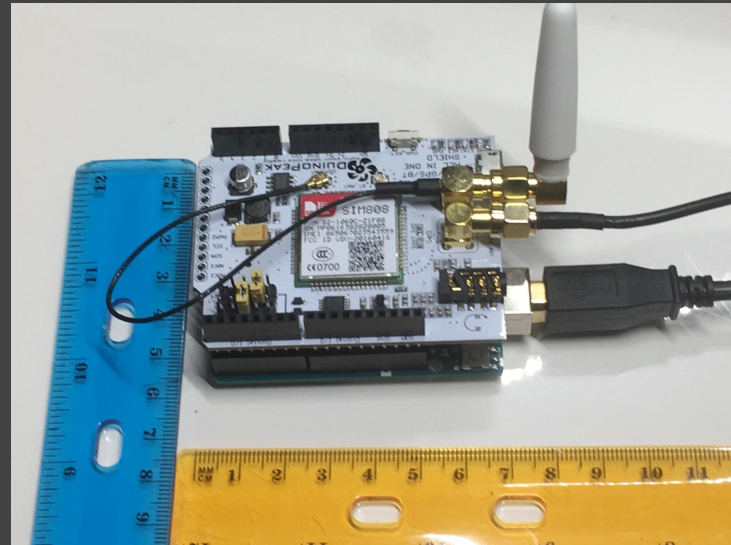# Wearable GPS & Cell-Phone Enabled Tracker

This device built from an Arduino board and a SIM808 board with GPS can be used to locate lost pets or items. You would simply put an active SIM card in it. The simple Python code shown runs automatically anytime the tracker is powered on.
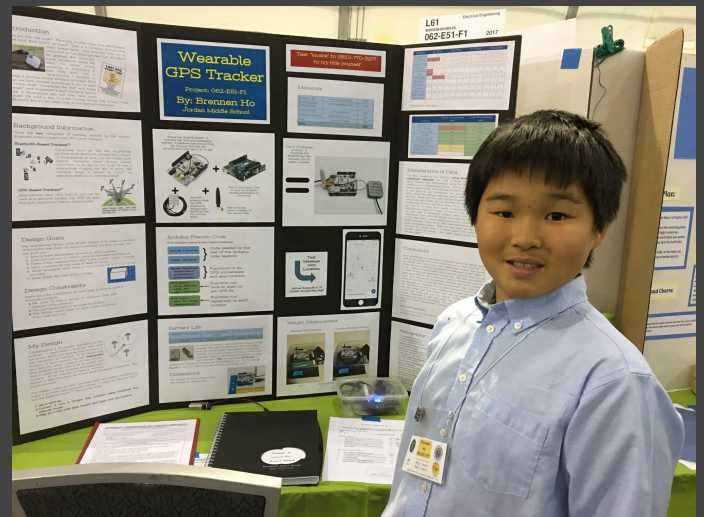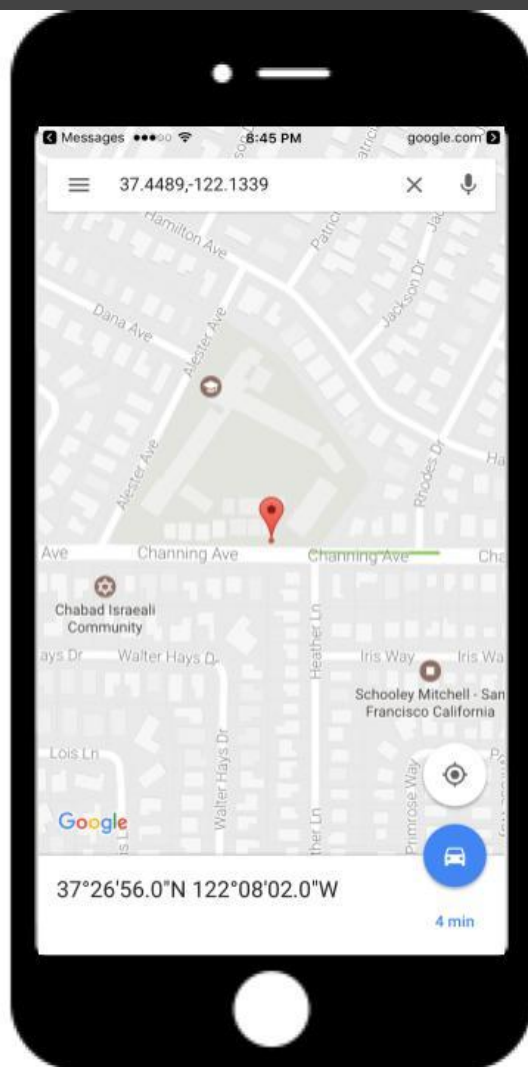

Fully functional prototype.

Small, but miniaturization needed.

Pretty lightweight but could be less.

Demonstrated at Synopsys Science Fair

When you text the command to the phone number of the tracker, it returns a link to you which shows a Google map with a pin placed on the exact location of the tracker. If the tracker is in a backpack or on a large pet, it would let you find it quickly.

The Python code: https://brennen.dev/h/BsheV.cpp