BeaconWise

TRACK THE TRACKERS

BeaconWise: A Wearable Beacon Detector

- Are ultrasound beacons in use around you?
- Study: 234 Android *Play Store* apps *always listening*!
- Signals emitted by:
  - Stores and shopping malls
  - Television ads
  - Music recordings
  - Apps!

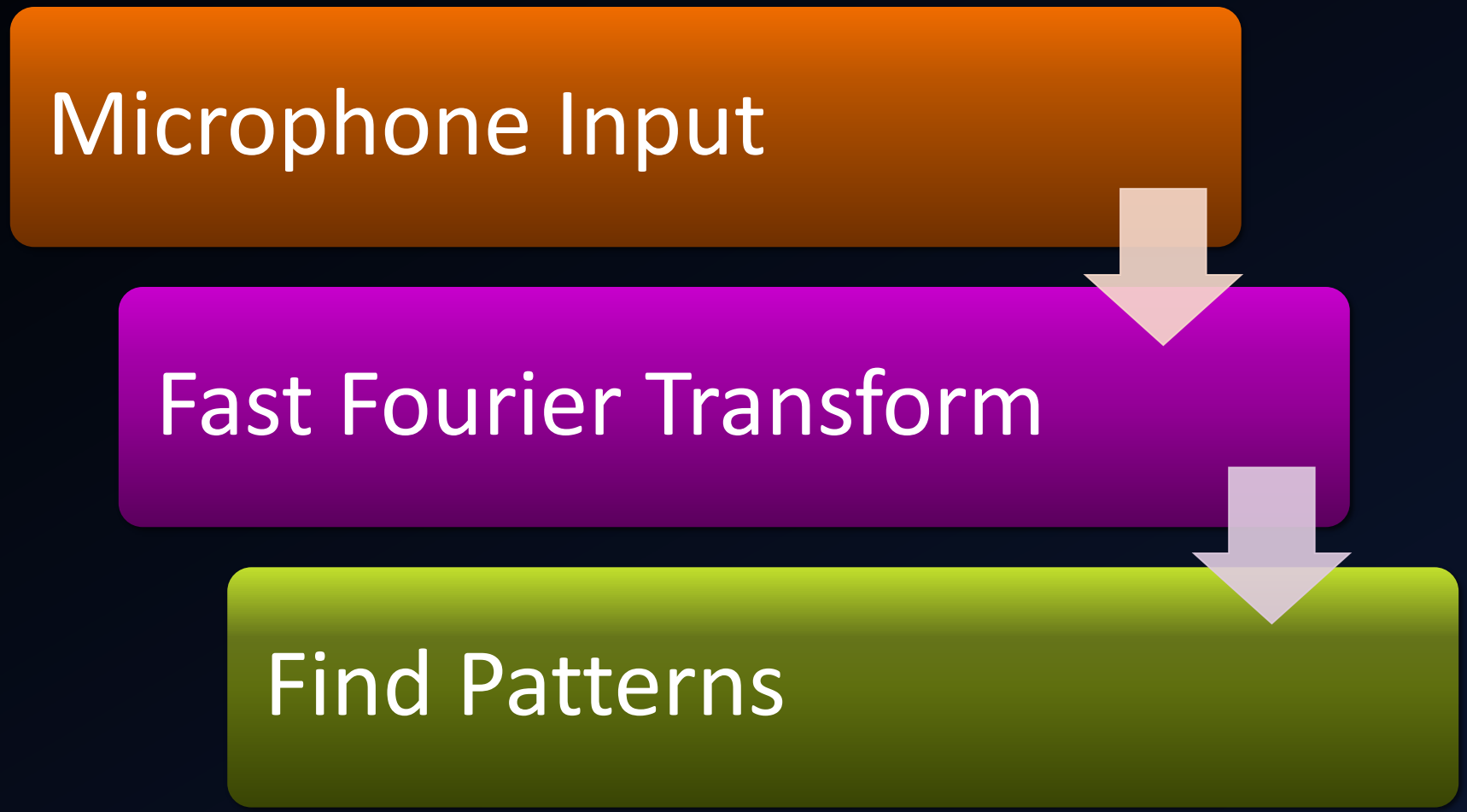
BeaconWise: More Beacons!

- WiFi, NFC and Bluetooth beacons
- Augmented Reality (AR)
- GPS beacons
  - Areas to avoid – crime APIs etc?
  - Geocaching
  - Beacons you choose – not advertisers

RFduino wearables + phone …

- Aware of other wireless services around you (WiFi, cell frequencies)
- Biofeedback from phone sensors/peripherals
- Timers and alarms
- Smartwatch-style notifications

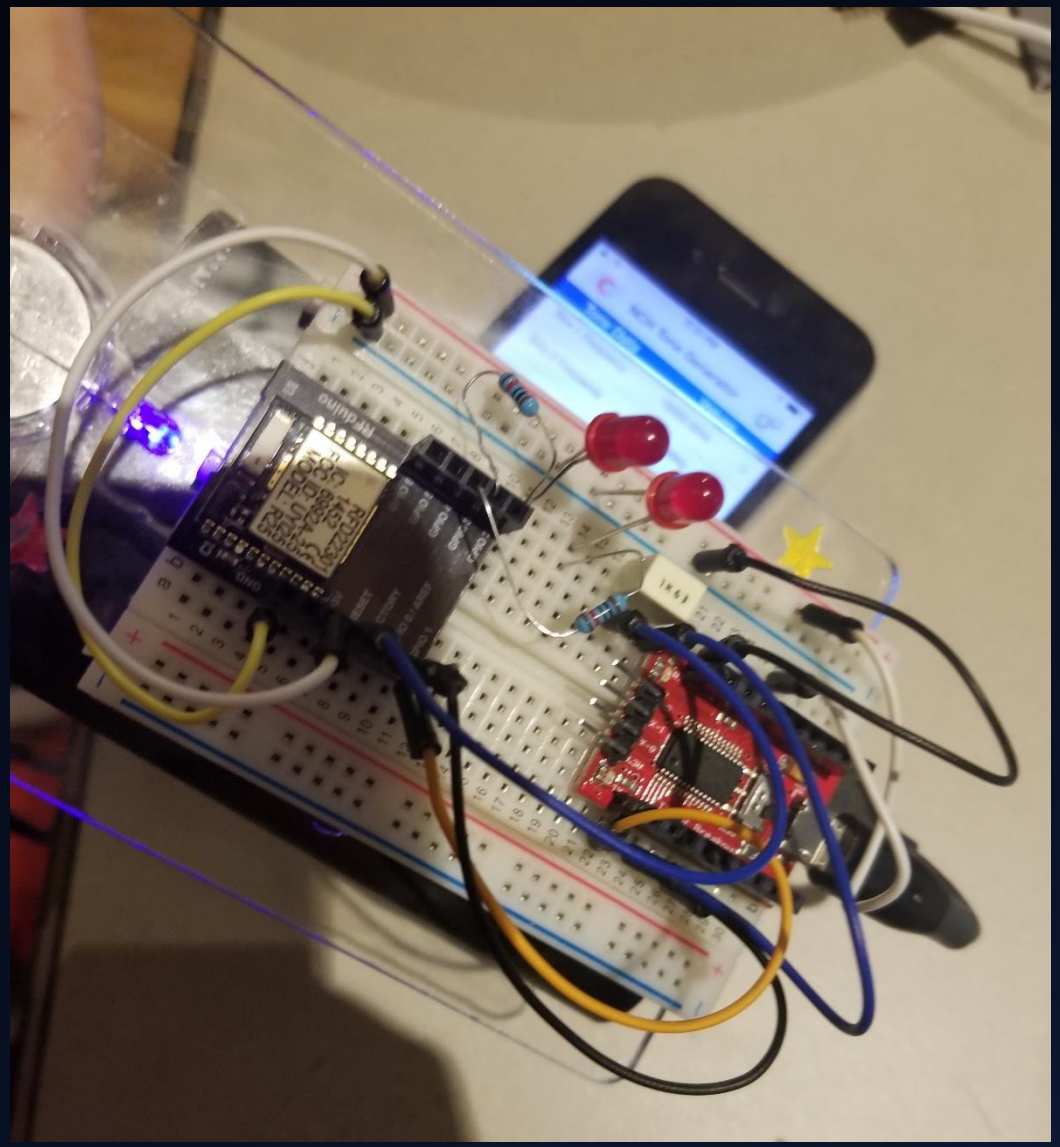
Android App



DEMO TIME

WILL IT WORK???


99% 12:38 PM
BeaconWise
17500 ***
18000 *
18500 **********
19000
19500
20000
20500
21000 **********
21500
22000
frequencies: 17500 18500 21000



FIN

https://github.com/4levity/BeaconWise