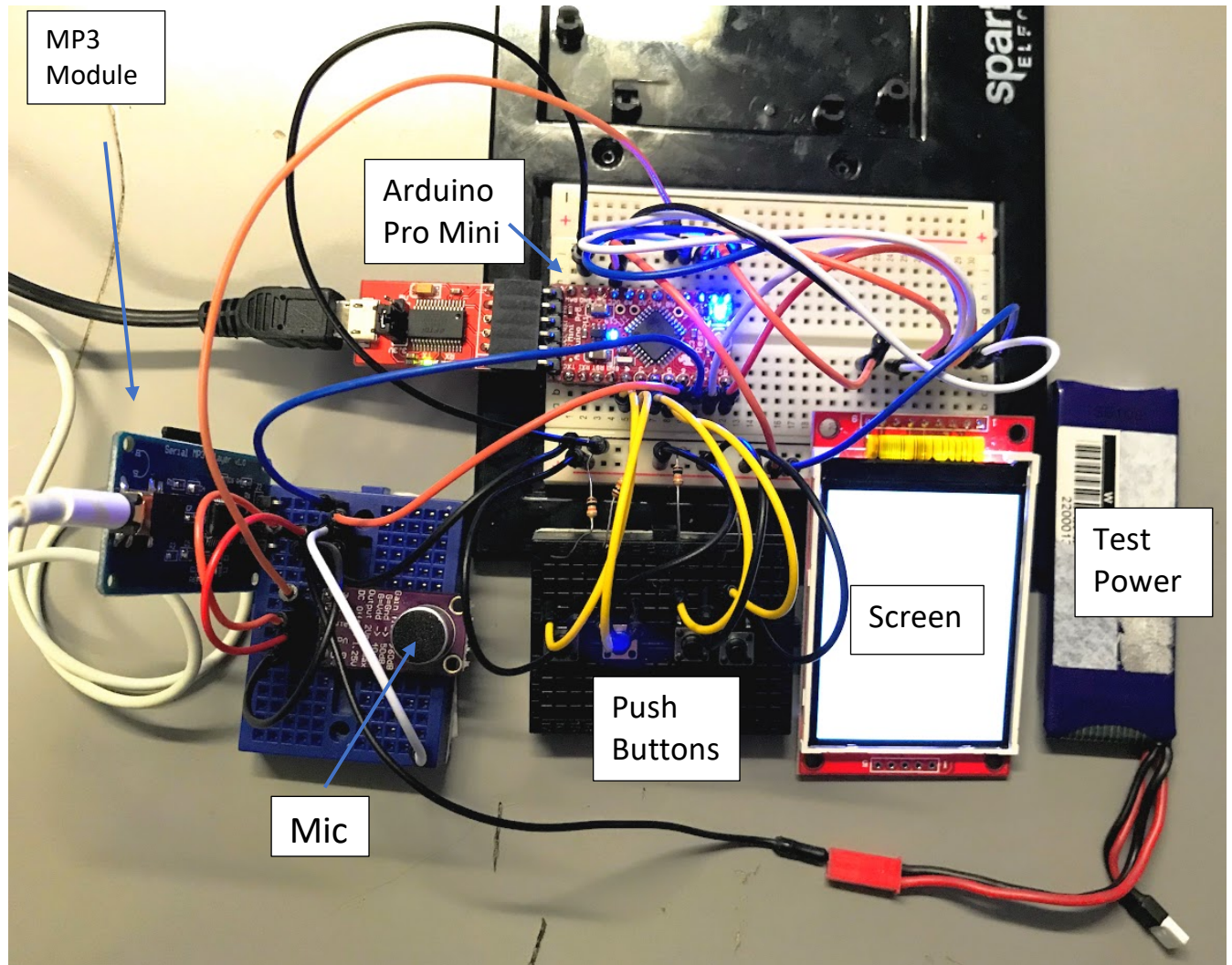
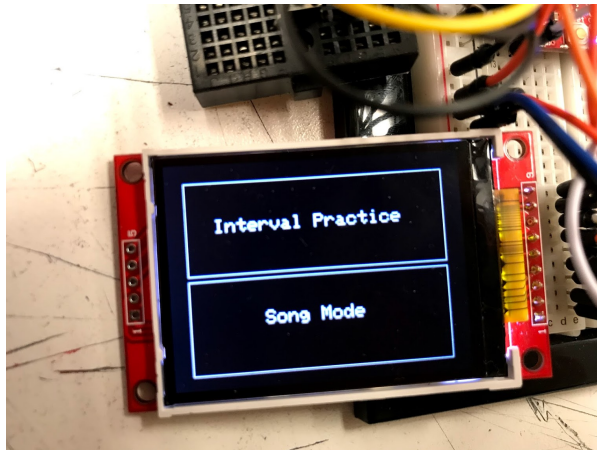


## Function Proof

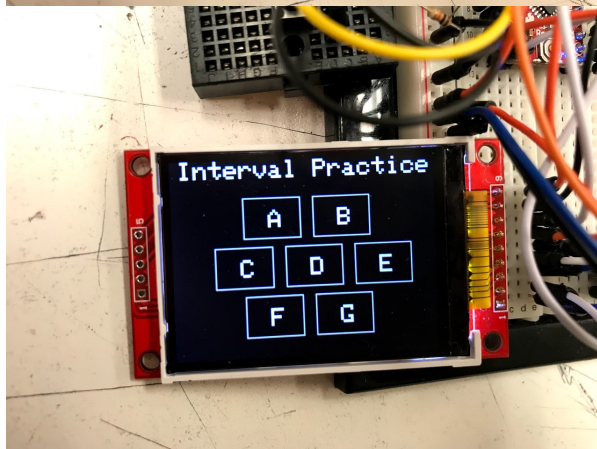
### *Functional Breadboard*





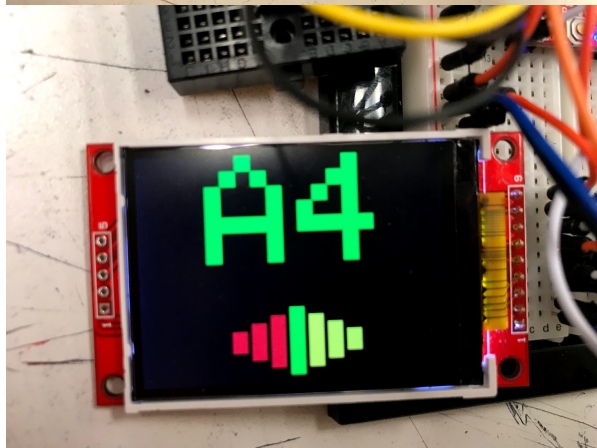
## Home

This page allows users to choose between a mode where they can practice single pitch harmonies and a mode where they can practice harmonizing to an entire song. There will also be an About and Help option.



## Interval Practice

This page allows users to choose a note to practice harmonizing with.



## Practice Page

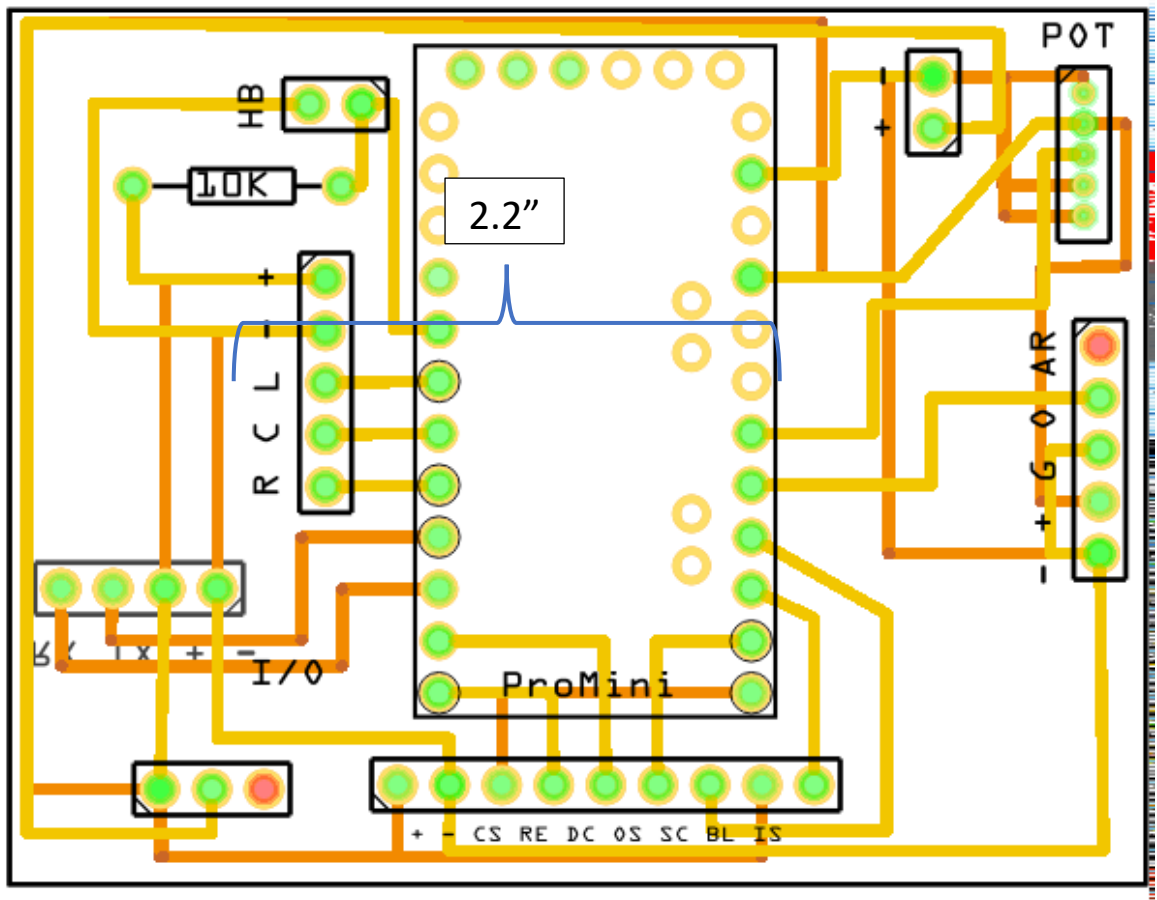
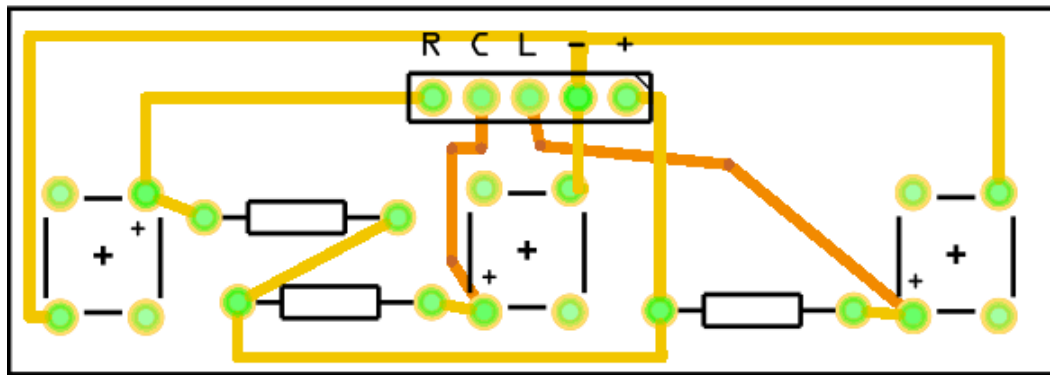
This is where users get feedback on how accurately they are singing a third above (the harmony) the note being played. There will be text on the left showing the note being played and text on the right showing the note that needs to be sung. The bars on the bottom indicate tune, red being flat, green being in tune, and yellow being sharp.

### *HelloWorld Software*

I have included the software in the GitHub repository with the following libraries:

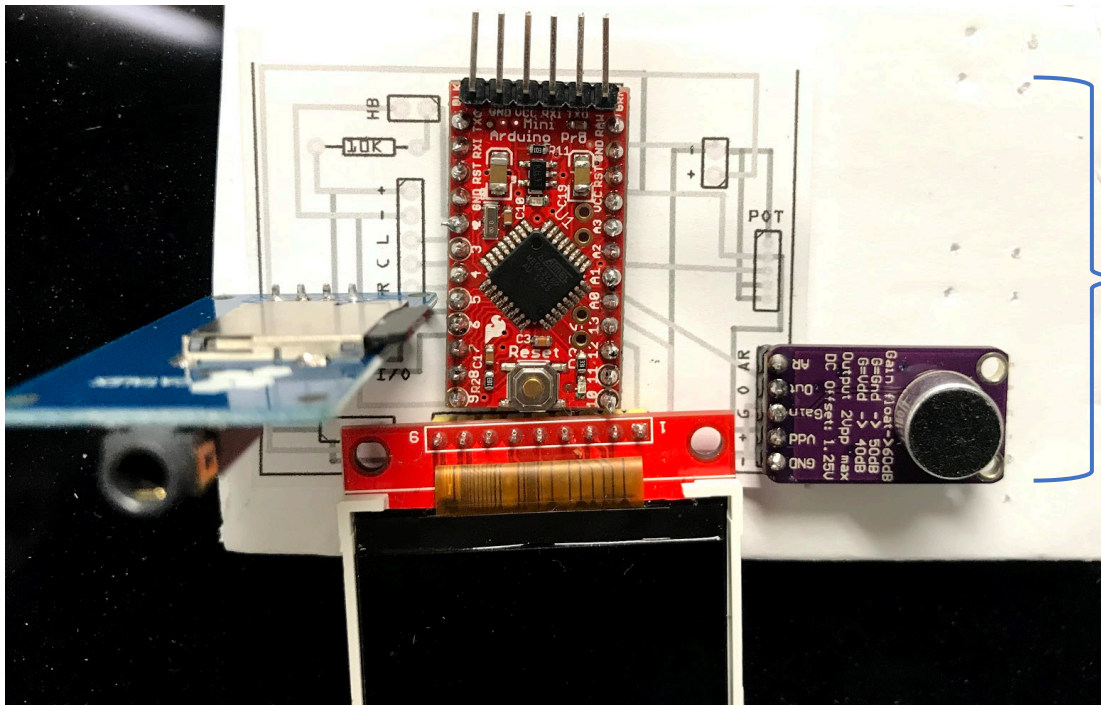
- Adafruit GFX Library
- Adafruit ILI9340 Library

### *PCB Design*



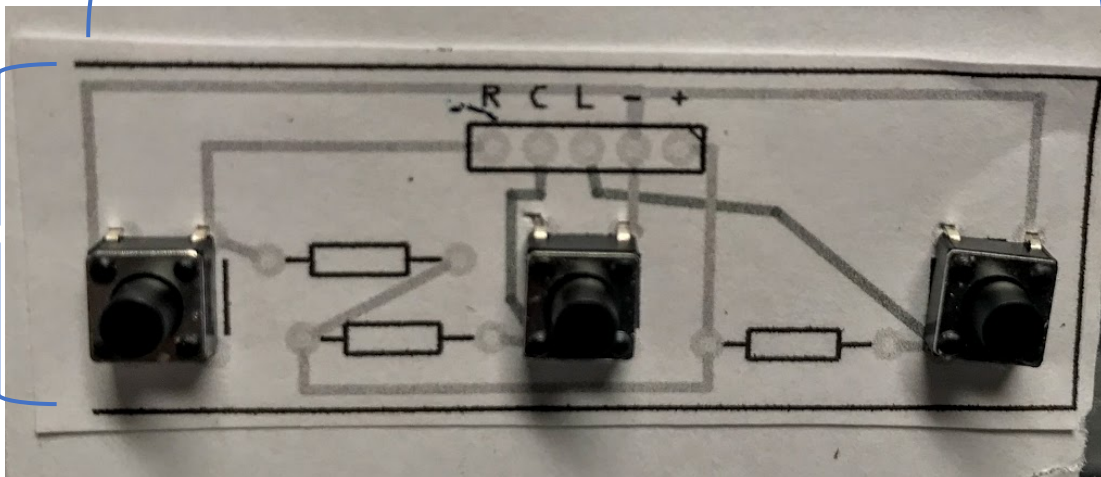
PCB Paper Test





1.7"

2.17"



0.77"