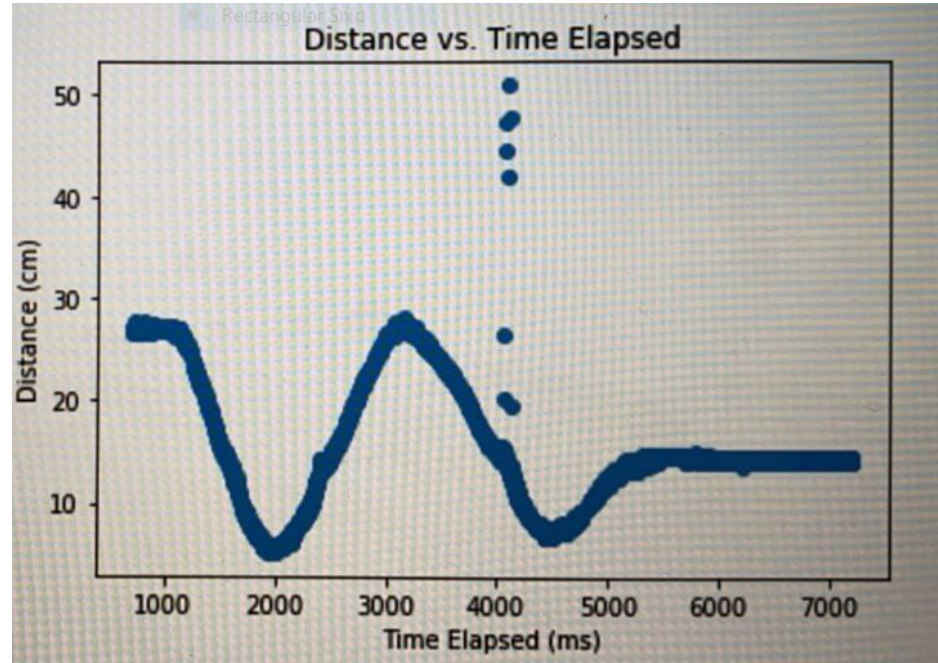


4AL Lab 2B Prelab

Ethan Wong

Python

Complete the [pre-lab 2A notebook](#). You will need to download the notebook and the [sample dataset](#) to the same directory in your student Google Drive. Upload the plot you created in the notebook here:



Soldering

In the following lab, we will be soldering the wifi element for our Arduino. Watch the [video on soldering](#) from 0:00 - 3:06 on soldering pins onto a chip. Below, describe the soldering process of soldering elements to a chip in your own words:

- For electronics, use a heated soldering iron (around 315 - 370 degrees Celsius) with lead-free, rosin core solder. Get solder on the hot tip of the soldering iron. Then use the iron to get the pieces of metal hot and directly apply the solder to the heated metal. A quick upward motion after this process helps the soldering look neat and clean.

Install library

- Download the Wifi Library as a .zip (RF24-master.zip)
- In arduino go to Sketch >Include Library > Add .ZIP Library
- Choose your downloaded Zip File

