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Mech. Vibration

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A Walk for Vibration

For Project 3, I chose to measure my walk to Vibrations class. I was pleasantly surprised with how easy and effective the matlab mobile app was. Originally I intended to measure the vibration and acceleration of my skateboard, however since I skate downhill upwards of 35 mph I figured the scotch tape I had on hand was not effective enough to secure my phone properly.

The heart of this project is in the code, I primarily followed the steps outlined in the project description but was interested in the ways in which the code sorted through the data and produced arrays for position and time.

