In [1]: runfile('C:/Users/Andre/Desktop/April 1 2019 Data/Data Stitcher.py', wdir='C:/Users/Andre/Desktop/April 1 2019 Data')

 *** FILE METRICS ***
Palmwalksouth2.csv is being analyzed
File size: 0.69 MB
Samples: 10742
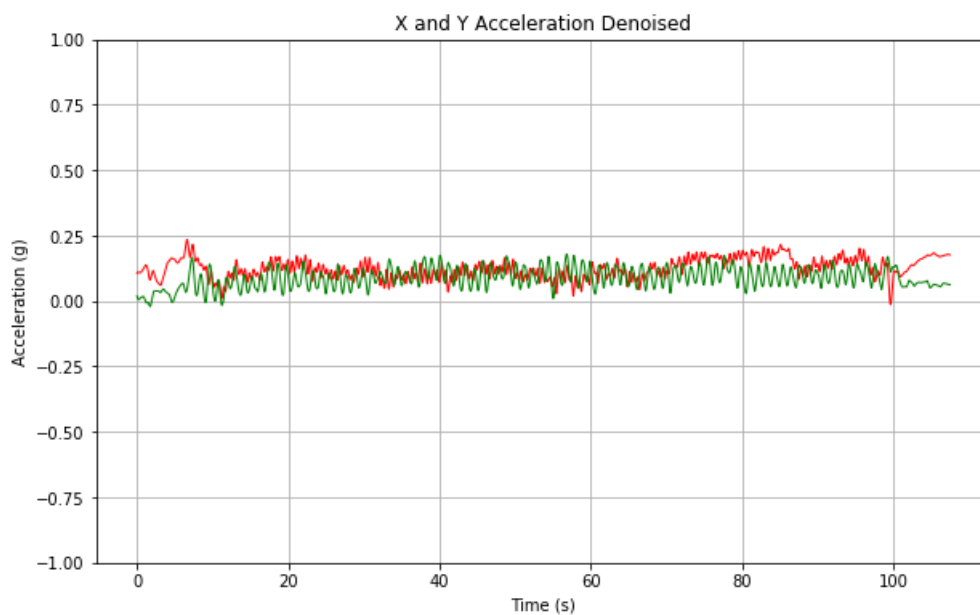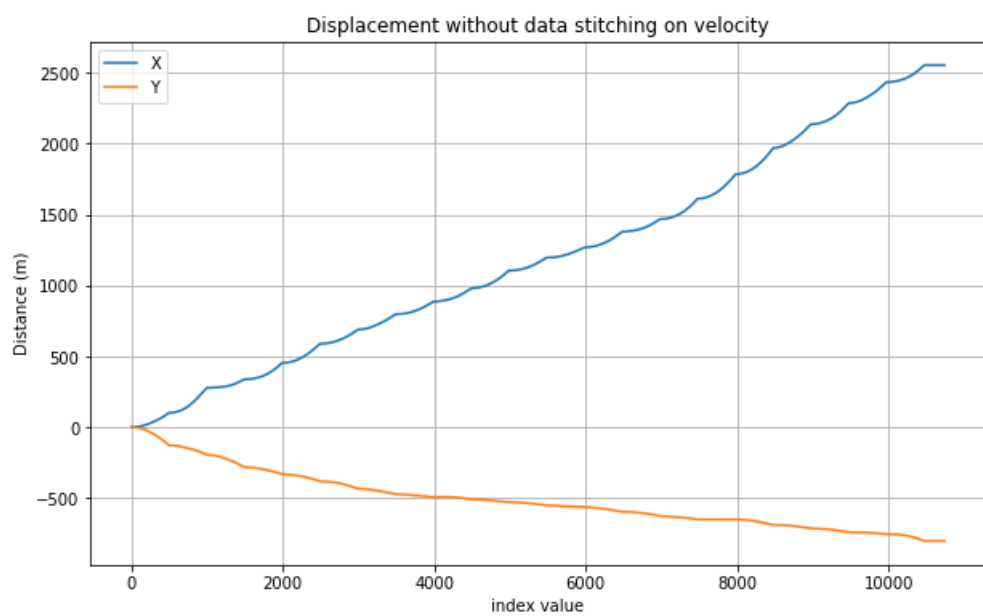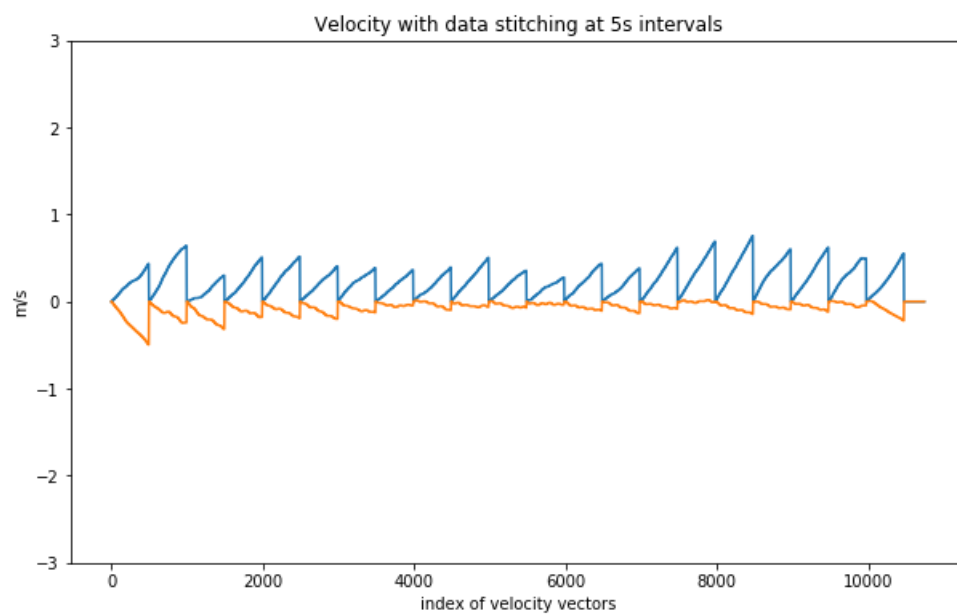Time elapsed: 107.434 s
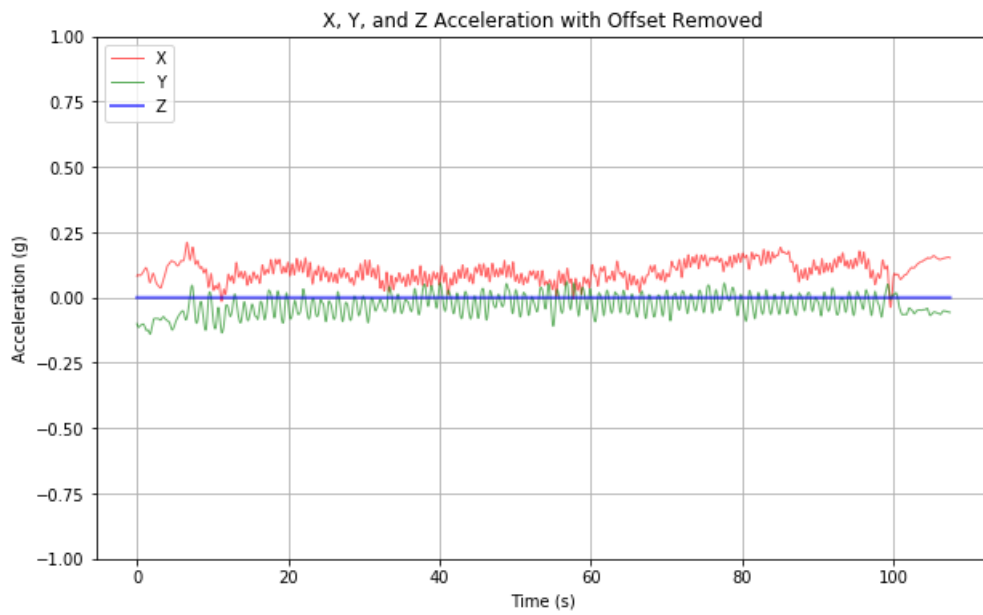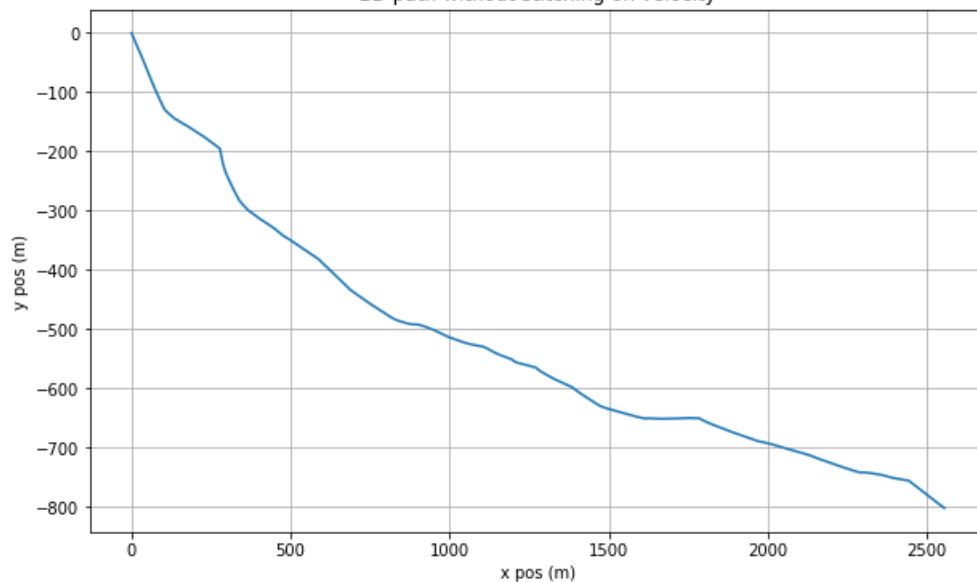
Z Acceleration

X, Y, and Z Acceleration
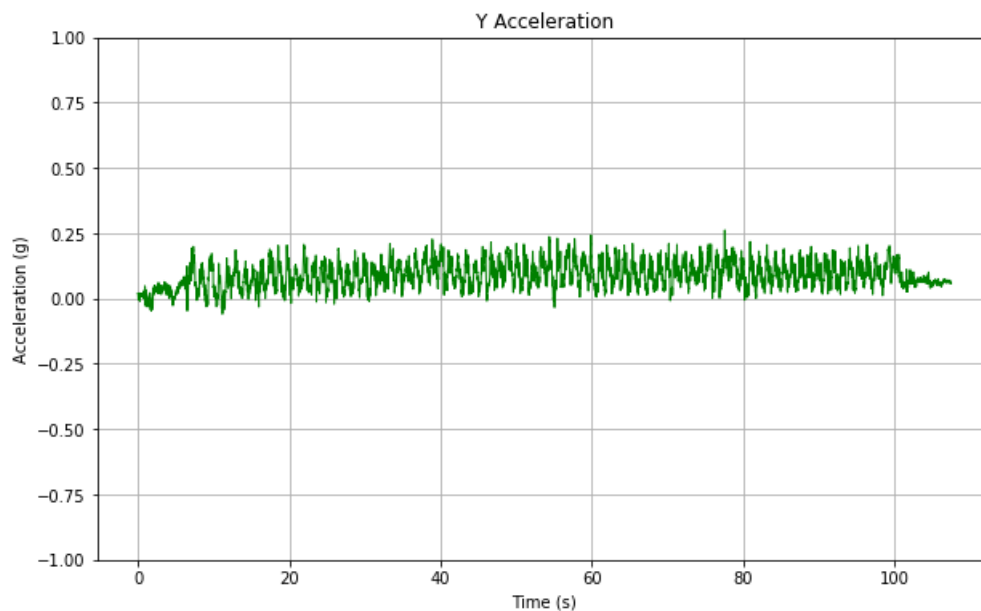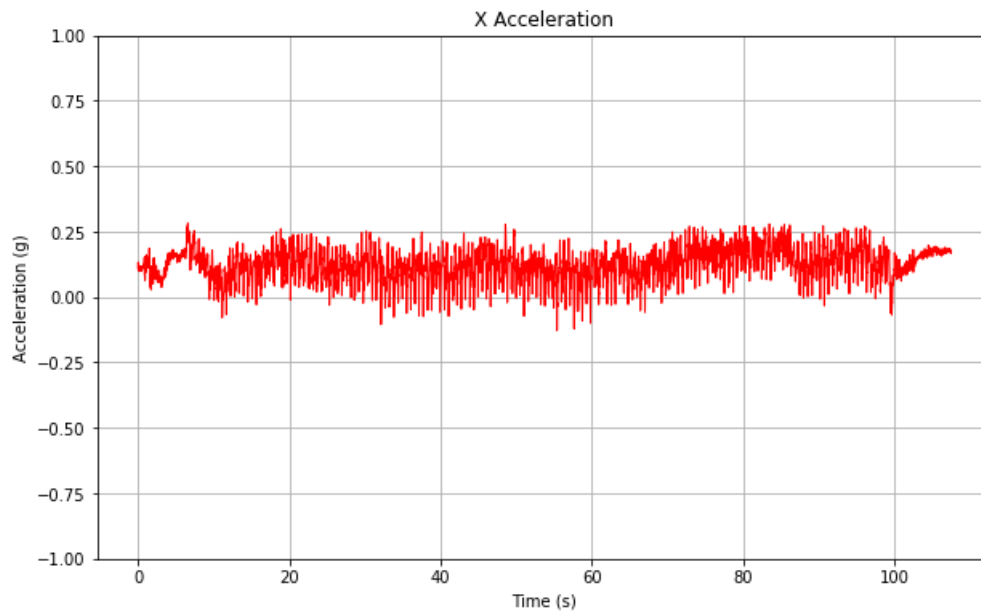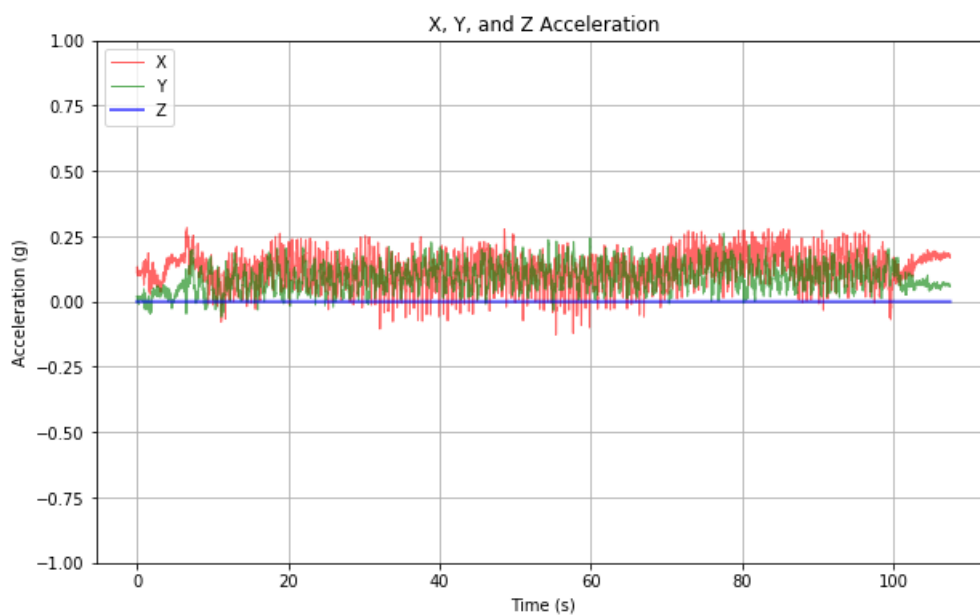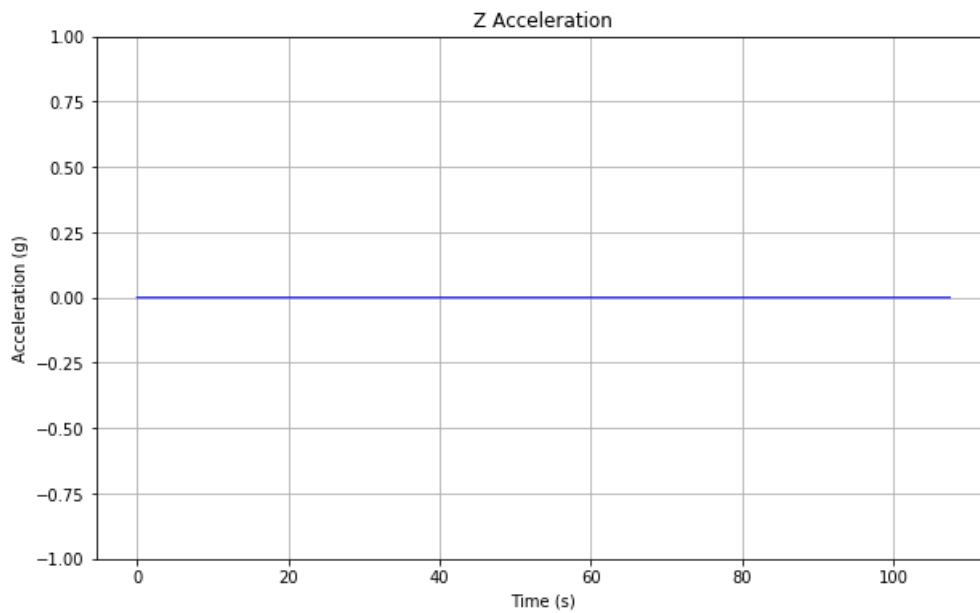
C:\Users\Andre\Anaconda3\lib\site-packages\scipy\signal_arraytools.py:45: FutureWarning: Using a non-tuple sequence for multidimensional indexing is deprecated; use `arr[tuple(seq)]` instead of `arr[seq]`. In the future this will be interpreted as an array index, `arr[np.array(seq)]`, which will result either in an error or a different result.
  b = a[a_slice]

X and Y Acceleration Denoised

X, Y, and Z Acceleration with Offset Removed

Velocity with data stitching at 5s intervals

Displacement without data stitching on velocity
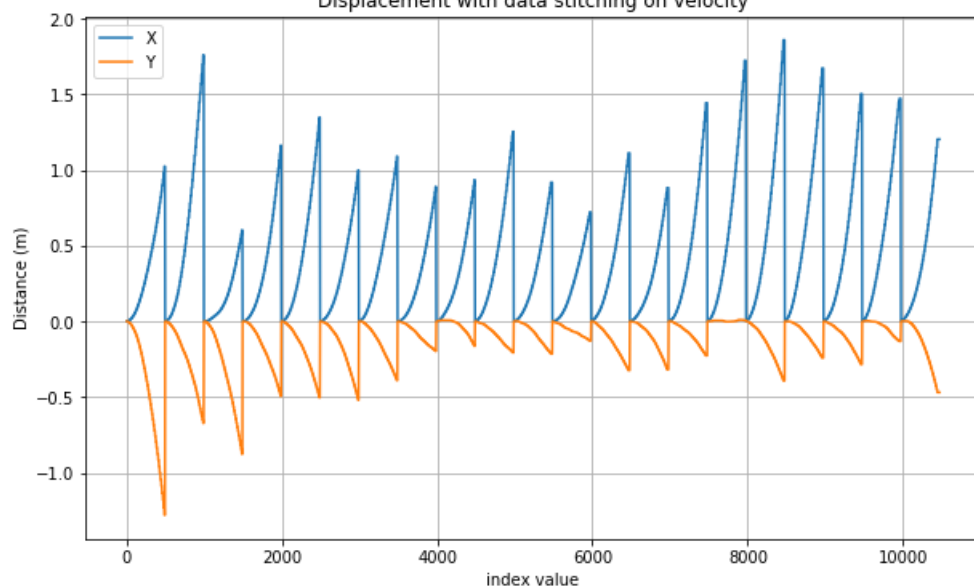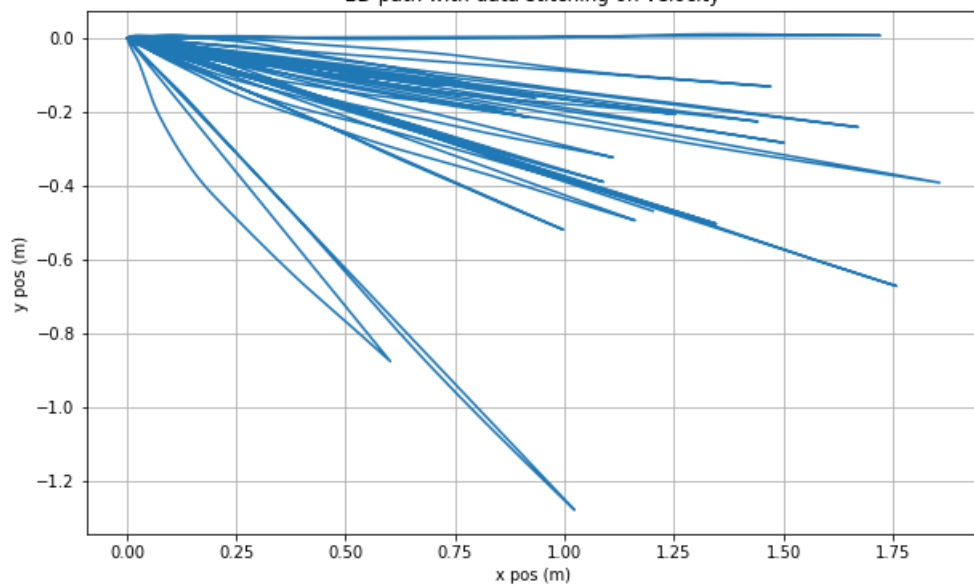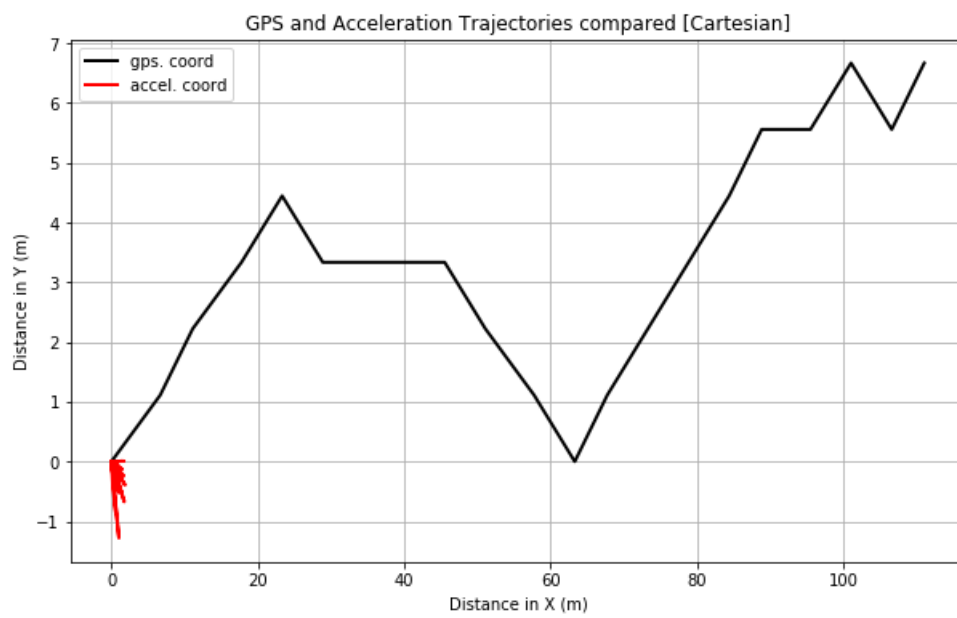
2D path without stitching on velocity

Displacement with data stitching on velocity

2D path with data stitching on velocity

GPS and Acceleration Trajectories compared [Cartesian]

In [2]: