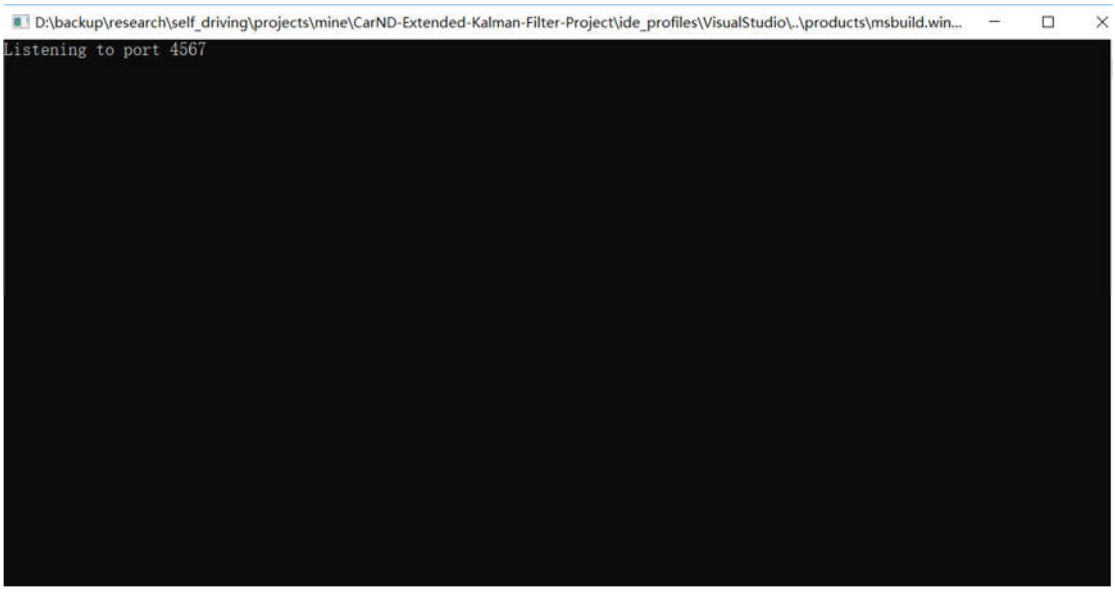
Extented Kalman Filter Project

Local environment setup

Windows10, visual studio 2017
Udacity's project https://github.com/udacity/CarND-Extended-Kalman-Filter-Project
Reference https://github.com/fkeidel/CarND-Term2-ide-profile-VisualStudio
Term2 Simulator https://github.com/udacity/self-driving-car-sim/releases

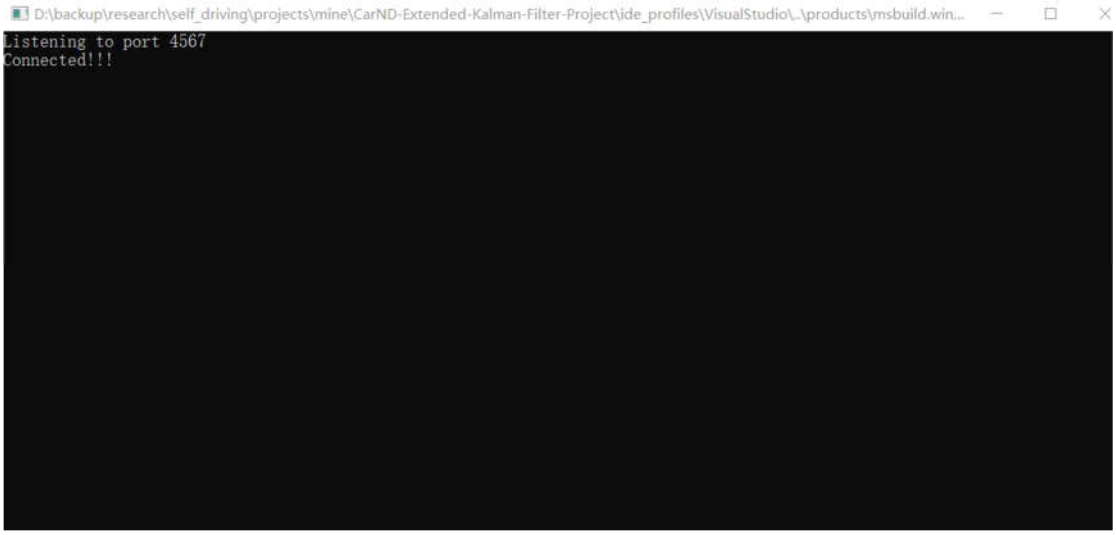
Test

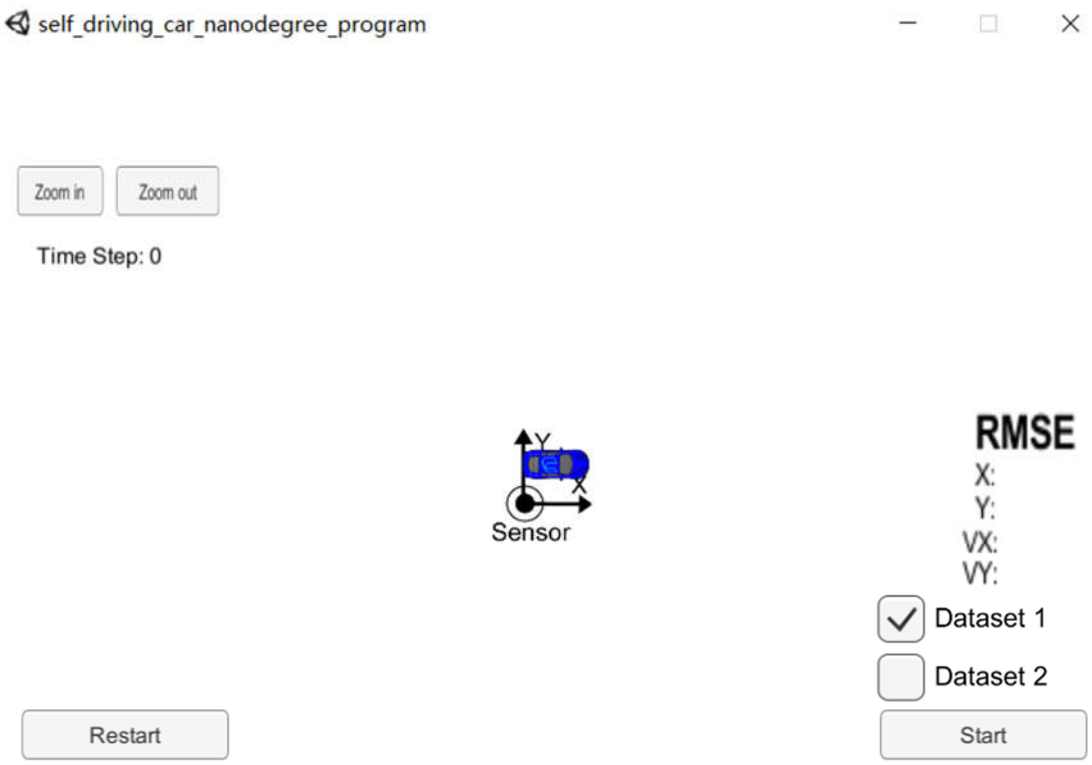
1. Project run

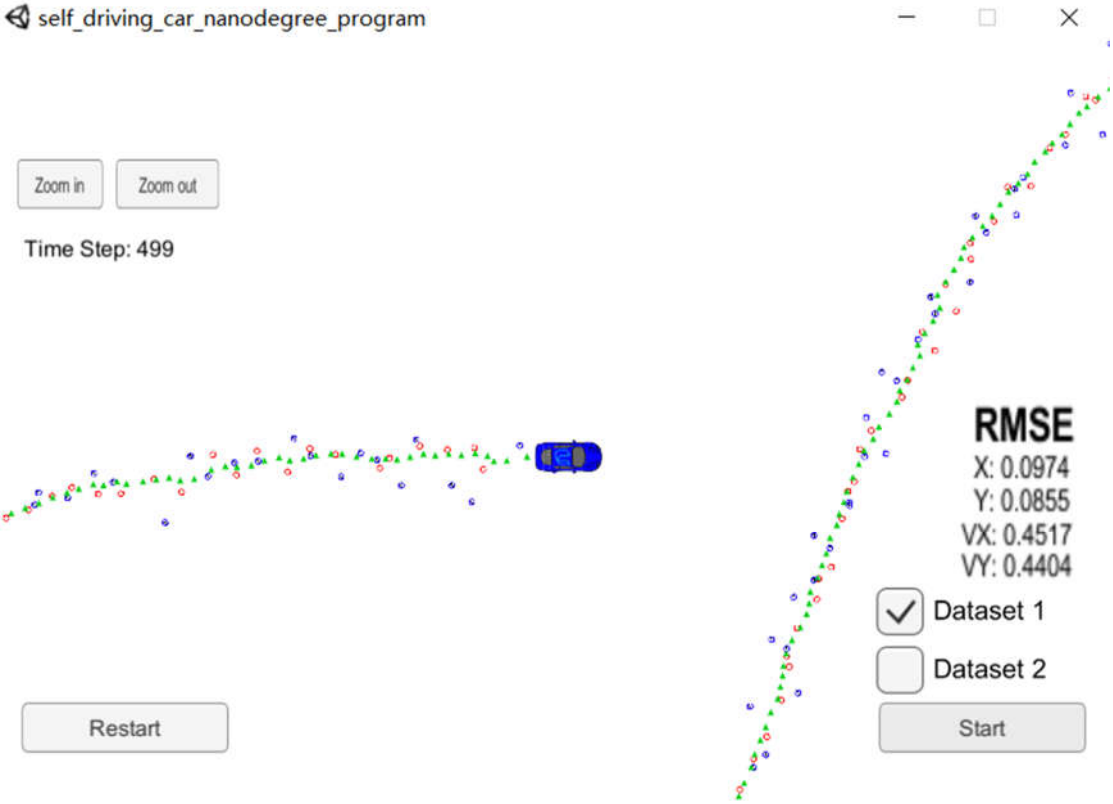


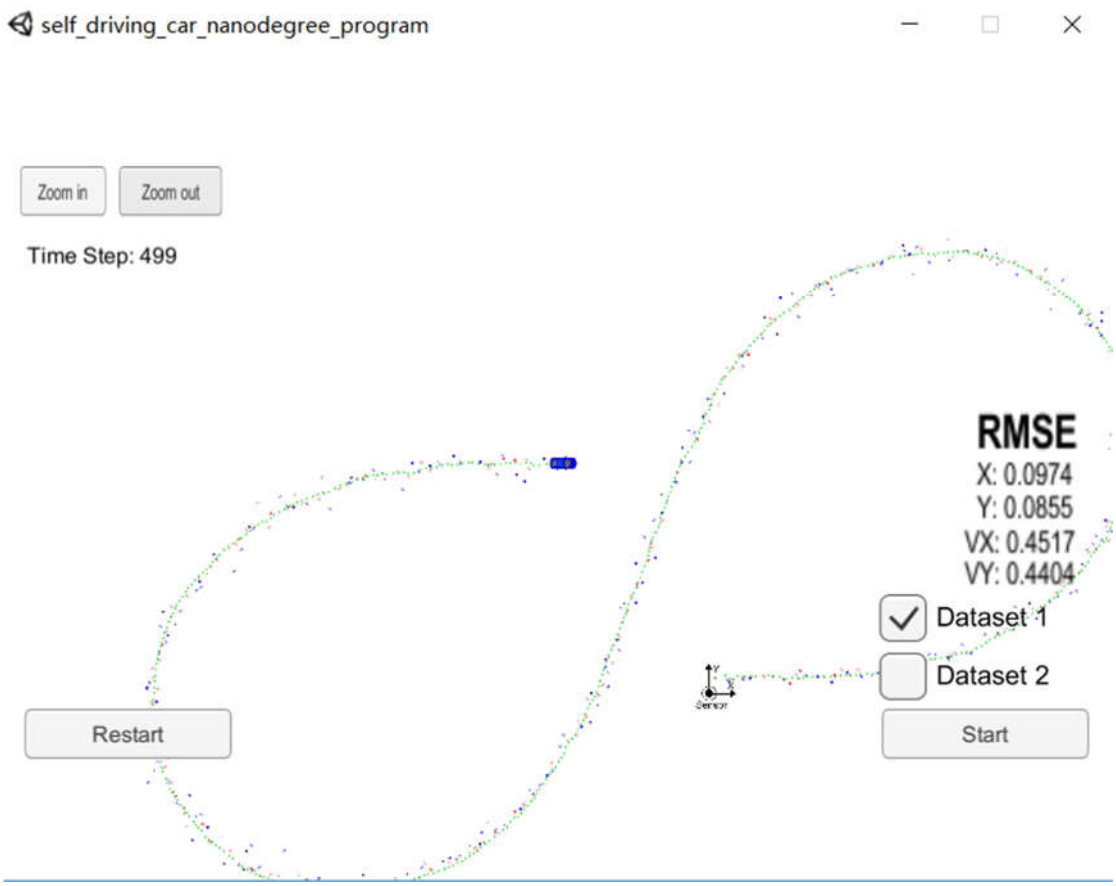
2. Simulator run

self_driving_car_nanodegree_program
UDACITY
CONTROLS
Previous
Next
Project 1/2: EKF and UKF
SELECT


D:\backup\research\self_driving\projects\mine\CarND-Extended-Kalman-Filter-Project\ide_profiles\VisualStudio\..\products\msbuild.win...
Listening to port 4567
Connected!!!


self_driving_car_nanodegree_program
Zoom in
Zoom out
Time Step: 0
Y
X
Sensor
RMSE
X:
Y:
VX:
VY:
Dataset 1
Dataset 2
Restart
Start


self_driving_car_nanodegree_program
Zoom in
Zoom out
Time Step: 499
RMSE
X: 0.0974
Y: 0.0855
VX: 0.4517
VY: 0.4404
Dataset 1
Dataset 2
Restart
Start


self_driving_car_nanodegree_program
Zoom in
Zoom out
Time Step: 499
RMSE
X: 0.0974
Y: 0.0855
VX: 0.4517
VY: 0.4404
Dataset 1
Dataset 2
Restart
Start