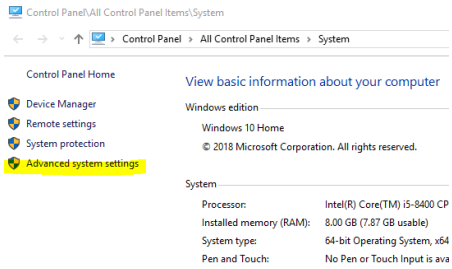
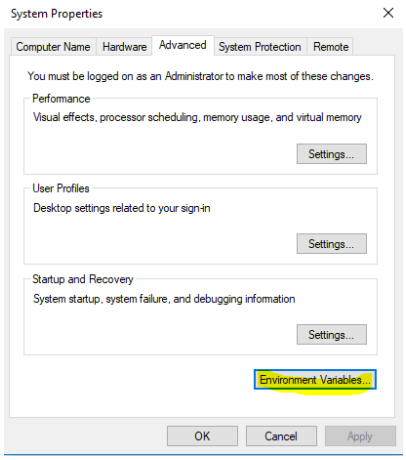
StellarNet Python Driver Installation Guide 5/2/2019

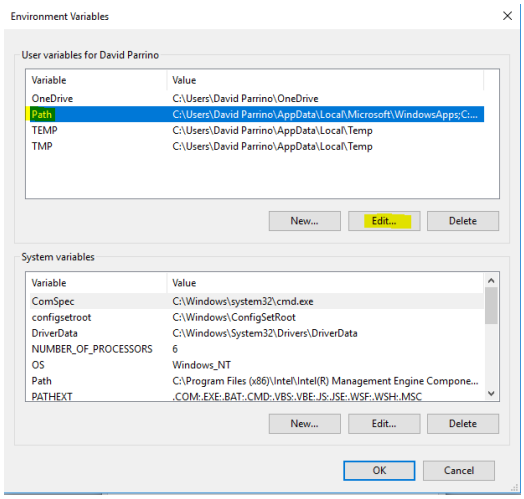
1. Install Python
    a. Newer versions of Python should work but we tested with 3.7
2. It helps to setup the Python file path as an environmental variable
    a. Open System from the Control Panel
        i. If you hold the windows button and hit pause/break the System panel should open
    b. Choose Advanced System Settings



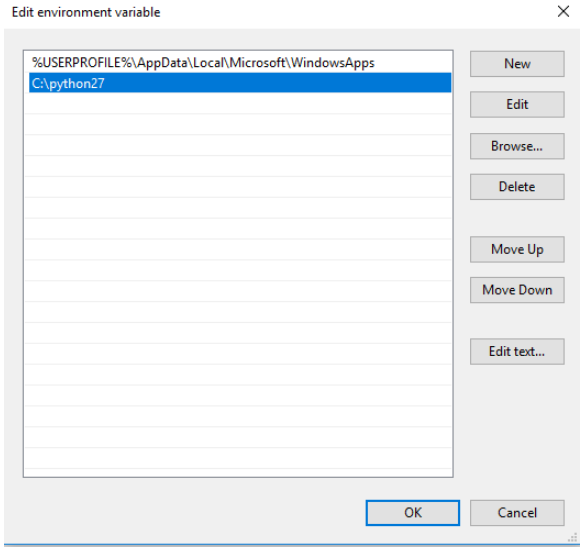
    c. Choose Environment Variables



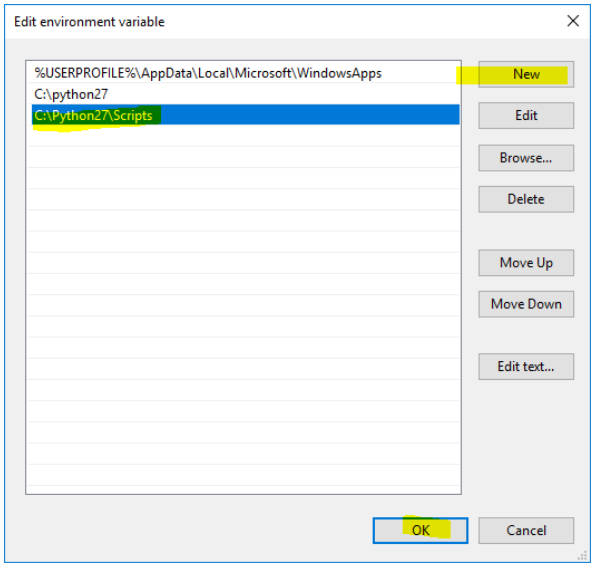
    d. Select Path and then Edit



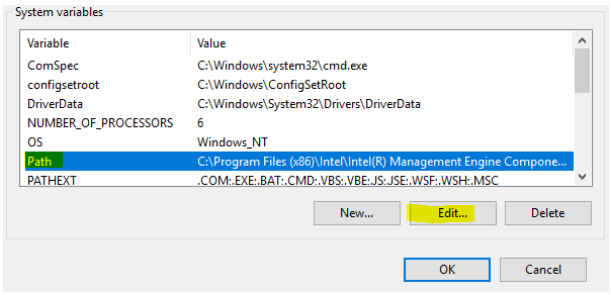
e. Choose New and enter C:\python37



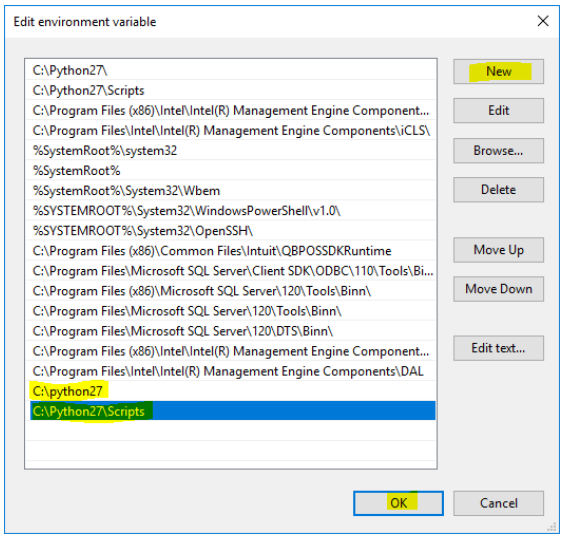
f. Now do the same but enter C:\python37\Scripts



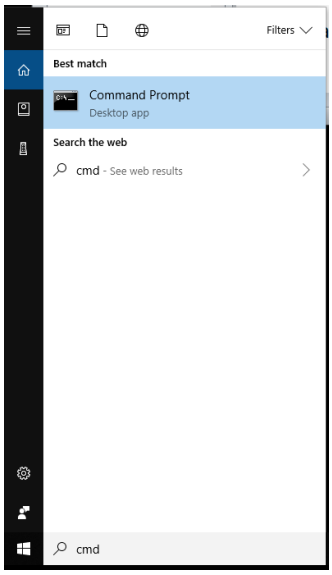
g. Under System Variables, Choose Path and then Edit



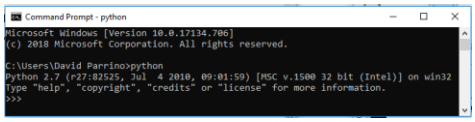
h. Click New, add the C:\python37 and C:\python37\Scripts and hit OK to exit



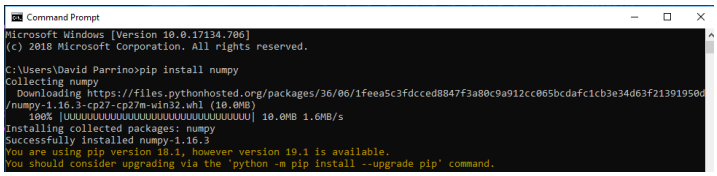
3. Now we can open the Command Prompt



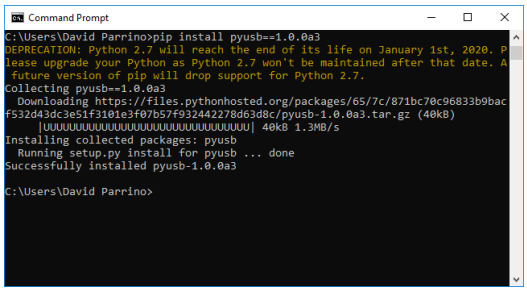
a. Type **python** and hit enter



b. Open command prompt and type **pip install numpy** and enter to install numpy

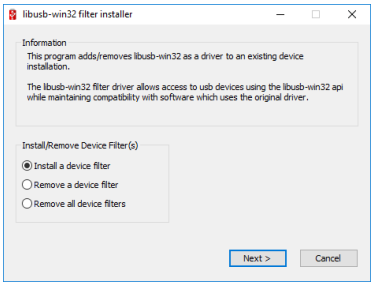


c. Now type in **pip install pyusb==1.0.0b1** and hit enter

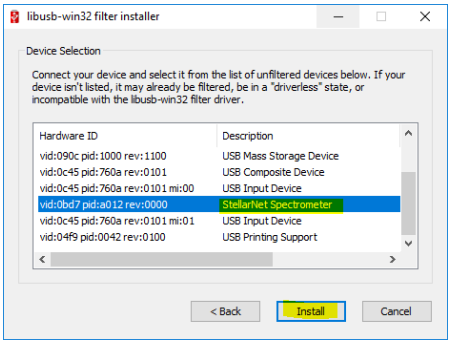
d. 

4. Now install Libusb Filter to redirect the Windows based StellarNet driver from communicating with the spectrometer so that the python driver will be able to take over. If you've never installed the windows driver, you might be able to skip this step.

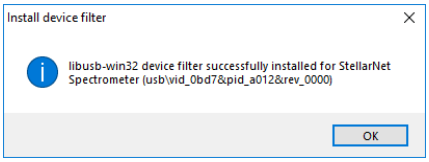
a. Click the Install a device filter radio button and choose next



b. Navigate to the StellarNet Spectrometer



c. The filter should successfully install – click OK and close out.



5. Now run stellarnet_demo.py by running python stellarnet_demo.py of using IDE
6. We have provide all the dependencies and libraries installations instructions but for any reason if you get any import error try to install that library through PIP, If you have any questions, you can email ContactUs@StellarNet.us with screenshots to illustrate the situation.