1. Download&Install Visual Studio 12.0 (we will need its compiler)
2. Download&Install CUDA 64-bit:<https://developer.nvidia.com/cuda-downloads>
3. Download&Install Anaconda 2.7 or miniconda <https://www.continuum.io/blog/developer/anaconda-raspberry-pi>
4. Download&Install Opencv 2.7
5. Install git
6. Install Theano (Run the following in an **Admin** command prompt) *C: cd C:\Git git clone git://github.com/Theano/Theano.git*
7. *cd Theano*
8. *python setup.py develop*
9. conda install mingw libpython
10. Install Pycharm

6. Install Pylearn2 (Run the following in an **Admin** command prompt) *E:  
cd E:\Git git clone git://github.com/lisa-lab/pylearn2.git cd pylearn2 python setup.py develop*

Create a text file “C:\Users\\.theanorc” and put the following text into it:

*[global]  
floatX = float32  
device = gpu*

*[nvcc]  
flags=-LC:\Anaconda\libs  
compiler\_bindir=C:\Program Files (x86)\Microsoft Visual Studio 12.0\VC\bin*

Now, let’s test it:

*C:\Anaconda>****ipython***

*In [1]:****import theano***

export LD\_LIBRARY\_PATH=/home/tim/program\_files/ICMCluster/svm\_light/release/lib:$LD\_LIBRARY\_PATH