

Packages Required

Keras

Version 2.0.2 (Keras updates frequently)

pip install keras==2.0.2

numpy

Version 1.11.1

pip install numpy==1.11.1

scipy

Version 0.17.1

pip install scipy==0.17.1

tensorflow

Version 1.0.1

pip install tensorflow==1.0.1

NOTE: If desired 'tensorflow' can be changed to 'tensorflow-gpu' (*only install if planning on training, if predicting only install tensorflow (don't have both)*)

IF installing tensorflow-gpu (NVIDIA GPU required):

tensorflow-gpu

Version 1.0.1

pip install tensorflow-gpu==1.0.1

Download and install the *NVIDIA GPU Computing Toolkit* –

<https://developer.nvidia.com/cuda-downloads>

Download and follow installation instructions for the *NVIDIA cudNN* library –

<https://developer.nvidia.com/cudnn>

Requires you to make an account (free and instant)