**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)