Chapter number	Software required (With version)	Free/Proprietary	If proprietary, can code testing be performed using a trial version	If proprietary, then cost of the software	Download links to the software	Hardware specifications	OS required
1	Python 3.6.4	OpenSource	NA	NA	`anaconda`	The code was tested on a machine with i7 processor , 64 GB RAM , Titan X GPU.	Ubuntu 17.10
2	CUDA-8/9 - Is required only when GPU is used.	OpenSource	NA	NA	`nvidia`	Same as above	Ubuntu 17.10
3	cuDNN - Choose version corresponding to CUDA version.	OpenSource	Member ship required	Free	`nvidia`	Same as above	Ubuntu 17.10
4	PyTorch-0.3.0	OpenSource	NA	NA	`pytorch`	Same as above	Ubuntu 17.10
5	torchtext	OpenSource	NA	NA	`torchtext`	Same as above	Ubuntu 17.10

Detailed installation steps (software-wise)

The steps should be listed in a way that it prepares the system environment to be able to test the codes of the book.

1. Anaconda Python:
    1. Download anaconda python version 3.6 from the anaconda `website`.
    2. Run the downloaded file from the command line by typing:
        - cd ~/Downloads/
        - ./Anaconda3-5.0.1-Linux-x86_64.sh
        - You will be prompted to say yes . Following all the instructions would lead to an installed anaconda python.
        - Open a new terminal and check if the default python points to 3.6.4 .

2. CUDA 9:
    1. Download CUDA 9 toolkit from NVIDIA `website`.
    2. Select Linux, x86_64, Ubuntu, 17.04, deb (local).
    3. sudo dpkg -i cuda-repo-ubuntu1704-9-0-local_9.0.176-1_amd64.deb
    4. sudo apt-key add /var/cuda-repo-<version>/7fa2af80.pub
    5. sudo apt-get update
    6. sudo apt-get install cuda
3. cuDNN 7.0.5:
    1. https://developer.nvidia.com/rdp/cudnn-download
    2. Download libcudnn7-dev_7.0.5.15-1+cuda9.1_amd64.deb
    3. sudo dpkg -i cuda-repo-ubuntu1704-9-0-local_9.0.176-1_amd64.deb
4. Install PyTorch and torchtext :
    1. Install PyTorch by using the below command:
        1. conda install pytorch torchvision cuda90 -c pytorch

    1. Install torchtext:
        1. pip install torchtext
2. Download the Github repository to your local machine from the `repo`. From the command line start Jupyter notebook by typing the below command.
    1. jupyter notebook
    2. Open the notebooks from the respective chapters and start running them.