

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
2 - 10	Python 3 Tensorflow 1.9.0 Keras 2.2.4 Opencv 3.4.2	Free	Yes	\$0	https://www.python.org/download/releases/3.0/ https://www.tensorflow.org/ https://keras.io/ https://opencv.org/	Graphics Card Ge Zotac 1070(lower version slow performance) RAM 64GB(less RAM might have degraded performance)	Ununtu 16.04 (Windows and other versions should also be able to run the code)