

## Software specifications

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
All chapters	OpenCV >= 3.0 numpy >= 1.13 scipy >= 1.0	Free			<a href="https://github.com/open-cv/opencv.git">https://github.com/open-cv/opencv.git</a>  <a href="https://github.com/open-cv/opencv_contrib.git">https://github.com/open-cv/opencv_contrib.git</a>  <a href="http://sourceforge.net/projects/numpy/files/Numpy/">http://sourceforge.net/projects/numpy/files/Numpy/</a>  <a href="https://www.scipy.org/install.html">https://www.scipy.org/install.html</a>	Any computer with at least 8GB DDR3 RAM	Mac OS X, Linux, Windows
Chapter 9, 11	scikit-learn >= 0.19 pickleshare >= 0.7	Free			<a href="http://scikit-learn.org/stable/install.html">http://scikit-learn.org/stable/install.html</a>  <a href="https://pypi.python.org/py">https://pypi.python.org/py</a>		

					<a href="#">pi/pickleshare</a>		

## Detailed installation steps (software-wise) Linux

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. Software: **OpenCV >= 3.0**
  - a. Follow steps from “Installing OpenCV-Python” within Chapter 1 (includes every OS)
2. Software: **Numpy >= 1.13**
  - a. \$ pip install numpy
3. Software: **scipy >= 1.0**
  - a. \$ pip install scipy
4. Software: **scikit-learn >= 0.19**
  - a. \$ pip install scikit-learn
5. Software: **pickleshare >= 0.7**
  - a. \$ pip install pickleshare