

# Software/Hardware List

## 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
1-12	Python Anaconda 3	Free			<a href="https://www.continuum.io/downloads">https://www.continuum.io/downloads</a>		

## 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. Install Python Anaconda (Python 3 version)
  - a. Go to <https://www.continuum.io/downloads>
  - b. Follow installation instructions for your platform
2. Get the latest source code
  - a. Go to <https://github.com/mbeyeler/opencv-machine-learning>
  - b. Clone or download the code

- c. Open a terminal and go to the downloaded (and unzipped if necessary) opencv-machine-learning directory
- d. Add conda-forge to your trusted conda channels:  
\$ condaconfig --add channels conda-forge
- e. Create a conda environment for Python 3 with all required Python packages:  
\$ conda create -n Python3 python=3.5 --file requirements.txt
- f. Activate the conda environment:  
\$ source activate Python3 # Unix  
or  
\$ activate Python 3 # Windows
- g. Done! All code is in the “notebooks” directory