

# CAM2 Report 01

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June 5, 2018

*The following are the resources that I used to get started with the theory behind computer vision:*

- The course slides for CSCI1430, the undergrad course for computer vision: <https://cs.brown.edu/courses/csci1430/> I strongly recommend going through the whole course at least once, even if ends up getting dense in some parts, as it really helps laying down a solid foundation of what one needs to know in order to work with computer vision. The only requirements for the course itself would be basic knowledge of programming and some statistics, so students with CS251 or STAT 350 (or their equivalents) should be fine.
- The following course from Georgia Tech on Udacity is also helpful although, it tends to take a lot of time to get through. <https://www.udacity.com/course/introduction-to-computer-vision--ud810>

*The following are really helpful sources for learning and working with python and opencv:*

- Getting started with images in opencv: [https://docs.opencv.org/3.0-beta/doc/py\\_tutorials/py\\_gui/py\\_video\\_display/py\\_video\\_display.html](https://docs.opencv.org/3.0-beta/doc/py_tutorials/py_gui/py_video_display/py_video_display.html)
- Getting started with videos in opencv: [https://docs.opencv.org/3.0-beta/doc/py\\_tutorials/py\\_gui/py\\_video\\_display/py\\_video\\_display.html](https://docs.opencv.org/3.0-beta/doc/py_tutorials/py_gui/py_video_display/py_video_display.html)
- A generally good place to start with understanding the details of numpy, matplotlib and opencv: <http://www.dmi.unict.it/~furnari/teaching/CV1617/lab0/>