**OpenCv**

1. Read img, video, webcam
   1. cv2.imread(filepath) – read img
   2. cv2.imshow(name\_of\_photo, img)
   3. cv2.waitKey(0) – delay for showing photo
   4. cv2.VideoCapture(filepath) – read video
   5. while True: - show video
      1. success, img = cap.read()
      2. cv2\_imshow(img)
   6. cap = cv2.VideoCapture(0) – webcam read
      1. cap.set(3, 640)
      2. cap.set(4, 480)
2. Basic functions:
   1. imgGray = cv2.cvtColor(img, cv2.COLOR\_BGR2GRAY) - Change color, ex: make it gray
   2. imgBlur = cv2.GaussianBlur(imgGray, (7, 7), 0) – make img blur
   3. cv2.Canny(img, 100, 100) – edge detection