

source code:  
zero\_pad = 3  
stride = 2  
filt = np.random.rand(3, 7, 7)  
img = np.random.rand(3, 64, 64)  
img = conv\_layer(img, filt, 1, zero\_pad, stride)  
weights = np.random.rand(len(img[0]))  
biases = np.random.rand(len(img[0]))  
img = BN\_layer(img, 1, weights, biases)  
img = reLU(img)  
img = max\_pool(img, 3, 3, 1, 2)  
filt = np.random.rand(1, len(filt[0]), len(filt[0][0]))

