# References

## This course drew from the following resources:

#### Week 1:

- A Neural Algorithm of Artistic Style (Gatys, Ecker & Bethge, 2015)
- Perceptual Losses for Real-Time Style Transfer and Super-Resolution (Johnson, Alahi & Li, 2016)
- Visualizing and Understanding Convolutional Networks (Zeiler & Fergus, 2013)
- numpy.einsum
- Exploring the structure of a real-time, arbitrary neural artistic stylization network (Ghiasi, Lee, Kudlur, Dumoulin & Shlens, 2017)

#### Week 3:

- Kullback-Leibler divergence
- <u>Balancing reconstruction error and Kullback-Leibler divergence in Variational Autoencoders</u> (Asperti & Trentin, 2020)

### Week 4:

- GANs Specialization by DeepLearning.Al
- Self-Normalizing Neural Networks (Klambauer, Unterthiner, Mayr & Hochreiter, 2017)
- <u>Unsupervised Representation Learning with Deep Convolutional Generative Adversarial Networks</u> (Radford, Metz & Chintala, 2016)
- tf.keras.layers.LeakyReLU
- Layer Normalization (Ba, Kiros & Hinton, 2016)