**Python GUI Essentials:**

* UI for selecting advertisements
  + Scrollable
* Embed Ad-Videos and Images
* Interacts with Camera

**Kivy Links:**

Installing Kivy RPI3: <https://kivy.org/docs/installation/installation-rpi.html>

<http://kivypie.mitako.eu/kivy-download.html>

<https://www.youtube.com/watch?v=jWeTVPQuU1k>

<http://kivypie.mitako.eu/kivy-faq.html>

Videos: <https://kivy.org/docs/api-kivy.uix.videoplayer.html>

<https://www.learnopencv.com/read-write-and-display-a-video-using-opencv-cpp-python/>

Images: <https://kivy.org/docs/api-kivy.uix.image.html>

<https://kivy.org/docs/guide/events.html>

<https://stackoverflow.com/questions/35391455/kivy-change-a-video-source-using-button>

<https://stackoverflow.com/questions/14699280/switching-kivy-widgets>

**General Python Programming:**

<https://www.youtube.com/watch?v=nwjAHQERL08&t=0s&index=1&list=PLGLfVvz_LVvTn3cK5e6LjhgGiSeVlIRwt>

<https://stackoverflow.com/questions/2846653/how-to-use-threading-in-python>

<https://www.youtube.com/watch?v=i1SW4q9yUEs>

**Microsoft Cognitive**

<https://docs.microsoft.com/en-us/azure/cognitive-services/face/face-api-how-to-topics/how-to-add-faces>

<https://docs.microsoft.com/en-us/azure/cognitive-services/face/face-api-how-to-topics/how-to-use-large-scale>

<https://westus.dev.cognitive.microsoft.com/docs/services/563879b61984550e40cbbe8d/operations/563879b61984550f30395237>

<https://cloud.google.com/appengine/docs/standard/python/images/>