This is a project for the real time customized hand gesture recognition in webcam/ recorded videos in python using Siamese network and Deep learning MediaPipe framework. The projects is trained on 15 customized hand gestures. At inference time, the output shows hand landmarks as well as the trained gesture in video in run time. Note for videos recorded with webcam you do not need flip image. however, for videos recorded with mobile camera we may flip it. To run your own recorded gesture video. Save your video in (video) folder and run the following from command line python app\_video.py --device video/2.mp4 (2 is the name of video) The overwrite video with gesture shown on it will be saved in the main folder