

Step 1 – Downloading the Repo

- Go to GitHub Repo
 - https://GitHub.com/augmentedstartups/Mask_RCNN

- Clone Repo using:
 - o git clone https://GitHub.com/augmentedstartups/Mask RCNN.git



Step 2 – Install Virtual Environment (Optional)

- Install Virtual Environment
 - o pip install virtualenv

- Activate Virtual Environment
 - o virtualenv maskrcnn env
 - o maskrcnn_env\Scripts\activate



Step 3 – Copy Execution Scripts

Real-time Video Scripts

- o https://github.com/augmentedstartups/mask-rcnn
- o Download video demo.py code
- o Download visualize cv2.py code
- Save in root folder of Mask RCNN Clone (From Step 1)



Step 4 – Install Requirements

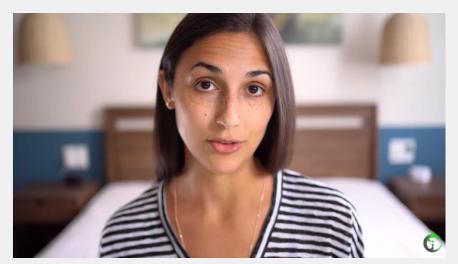
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Install Requirements

o pip install -r requirements.txt

Install CUDA & CuDNN

(107) TensorFlow and Keras GPU Support - CUDA GPU Setup - YouTube





Step 5 – Run Mask R-CNN

- Download Test Video
 - Create or download any test video

- Run Mask R-CNN
 - o python video_demo.py testvideo.mp4

