

Author: Ved Paranjape

Please install the following python3 dependencies as:

keras

Cv2

Files:

1. train_phone_finder.py

Functions:

a. get_pixel_coordinates : Function to get pixel coordinates of phone in the image

b. transform_data_target : Resizes image to a different size and scales labels accordingly

c. build_model : CNN Model definition

d. read_data: Reads data and labels from

e. preprocess_images: Normalize images

f. augment_images: Augments dataset by flipping horizontally, vertically and diagonally

2. find_phone.py