NYU-MMVC-LAB Weekly Report

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May 16, 2017

1 Motivation

To fully understand the methods and technologies behind some deep learning models and replicate its results in Python TensorFlow environment, and then proceed with other researches in computer vision areas.

2 Visually Impaired Project

- Collaborated with Zichen for data collection

- Built a Python program for JR's volunteer to manually labeling bounding boxes in the image

3 Reading and Self-studying

- Read part of the MIT Deep Learning textbook by Ian Goodfellow et al.

- Studied the GAN models for future research

- Started learning SugarTensor code

- Learnt RCNN, Faster-RCNN and Mask RCNN for better understanding in our own model construction