

Laboratory Assignment #8

Demonstration link:

<https://drive.google.com/drive/folders/1o9C5ivYfbmo7ybJXFnaq1zCOvfD65oWf?usp=sharing>

Github Link:

<https://github.com/stars/jaango/lists/lab08>

CNN - Baseline + Increasing Dropout + Data Augmentation + Batch Normalization + Your own method

Cnn.py

This file trains a neural network and identifies objects withing photos based on that training.

You will need to PIP INSTALL the following program:

[pip install tensorflow](#)

You may need to install the following programs:

[pip install keras](#)

[pip install h5py](#)

[pip install Matplotlib](#)

[pip install numpy](#)

CNN - Challenge test

Classification.py

Game Development – Balloon Flight

Ballon_flight.py

This file contains the Balloon Flight game. IN the game you use the mouse to dodge obstacles.

When you hold down the mouse(right click) the balloon moves up, otherwise it moves down.

Hacks:

- Update high score only if beats old one

- More High Scores

- Speed it up

- Add in multiples of each obstacle