

Daily Log

Monday November 18

Tried training using each after coding every individual layer, but didn't notice a significant difference.

Tuesday November 19

Spent time organizing my github and trying to upload the larger files that github can't natively support. For example, I put my training data in a separate google drive folder and uploaded a shareable link. Started working on video classification portions of my network.

Thursday November 21

Worked more on video classification methods and the visuals in terms of the output bounding boxes.

Timeline

Date	Goal	Met
11/04	develop a running object detection framework	yes (well, kind of)
11/11	develop a running object detection framework able to detect logos in real-time	no - not yet
11/18	finish the video classification methods	yes
11/25	organize github repo to your specifications	no - not yet
12/2	perform object detection on an easy logo with a still image	no - not yet

Reflection

I'm pretty happy with my progress and feel that I'm definitely knocking out a lot of parts of this network and in the coming weeks everything should be coming together. However, I felt as if the goals I was setting in the journals did not reflect the progress I have been making. Therefore, I have cut my goals into smaller, more manageable chunks. This way, I think my progress is better reflected week by week and it is much easier to track what I have done and what I still have left to do to achieve my winter goal. Another thing I'm thinking about working on this week is uploading my training data as a raw csv file so it's much easier to download.

Winter Goal

Detecting 90 percent of "easy" logos in around 30 fps.