

04/29/19 Weekly Report

Hunter Kippen

1 What I worked on last week

- I wrote an outline for my thesis. I am not entirely sure if it is detailed enough, but I believe I covered a minimally sufficient amount of information to complete the thesis.
- I started making more data. I am going through camera models with GOPs with only I and P frames. Most Samsung and a few other devices have this property, so I will start experiments with those devices.

2 Problems I encountered

- There are no problems that I had last week. Things seem to be moving in a good direction.

3 What I plan to do this week

- I will tweak my prediction error extractor code to skip B-frames, so that our entire dataset is available to use.
- I will update my frame deletion software to allow for it to properly match video M and N values (GOP structure) and support randomization. These tweaks are small and should only take a few hours at the most.
- I will begin writing the problem formulation section of the thesis, as I believe this will be the hardest one for me to get right. As such, I need to start it as early as possible.