Moving Object Detection with Deep Convolutional Networks and LSTM

Gregoire Robinson
Advisors: Dong Zhang and Dr. Mubarak Shah
This Week...

- Continued experimenting with image generator
- Each large image is divided into 4 sub-images
- Training network with sequences of 5 consecutive sub-images and their corresponding heatmaps
Ground Truth
Ground Truth
Ground Truth
Ground Truth
Results
Results
Results
Results
Results
Problem
Problem
Problem
Problem
Conclusions

- Blank images are due to an unresolved bug
- Next steps: Fix heatmaps/bugs and train over weekend