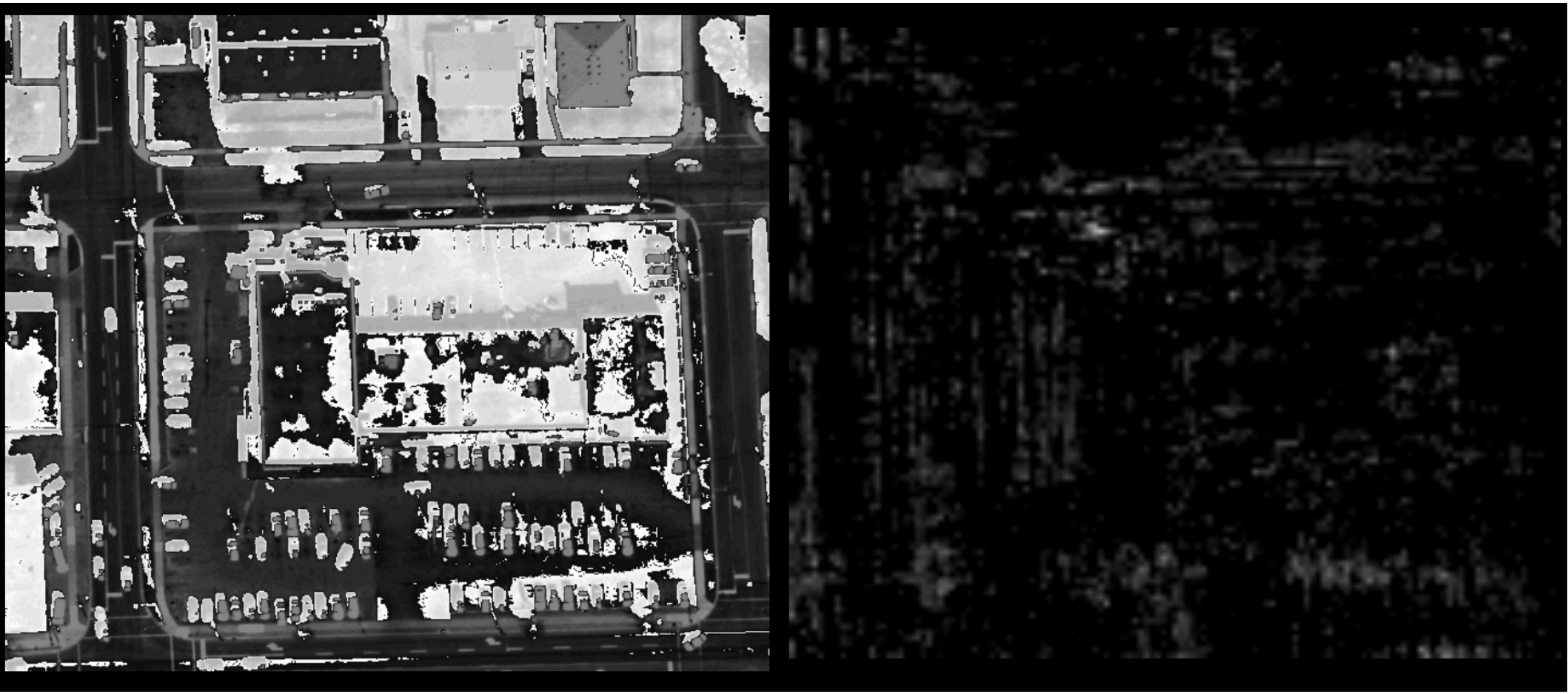
Moving Object Detection with Deep Convolutional Networks and LSTM

Gregoire Robinson
Advisors: Dong Zhang and Dr. Mubarak Shah

This Week...

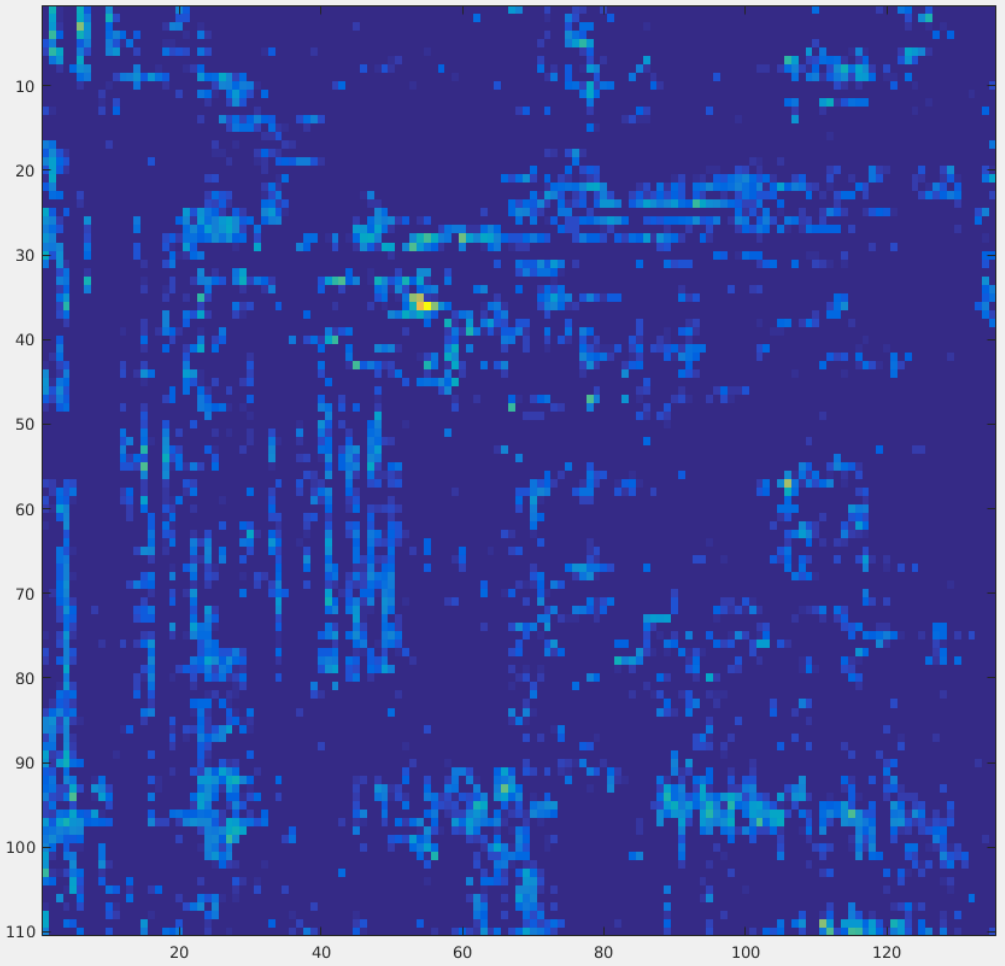
- Refactored code to make it easier to debug
- Changed the size of the Gaussian kernel on the heatmap
- Identical experiments have different initial losses, so used mean subtraction to mitigate

Results

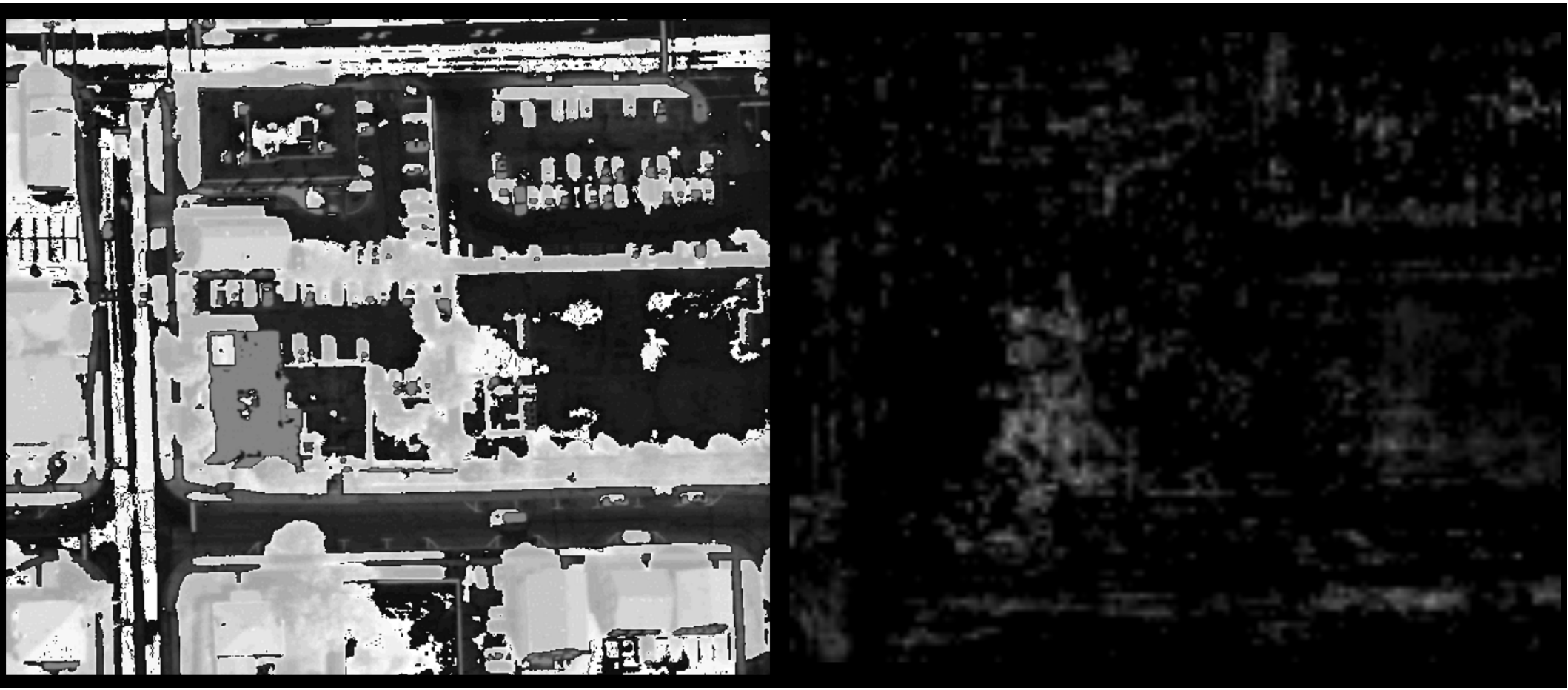


Results

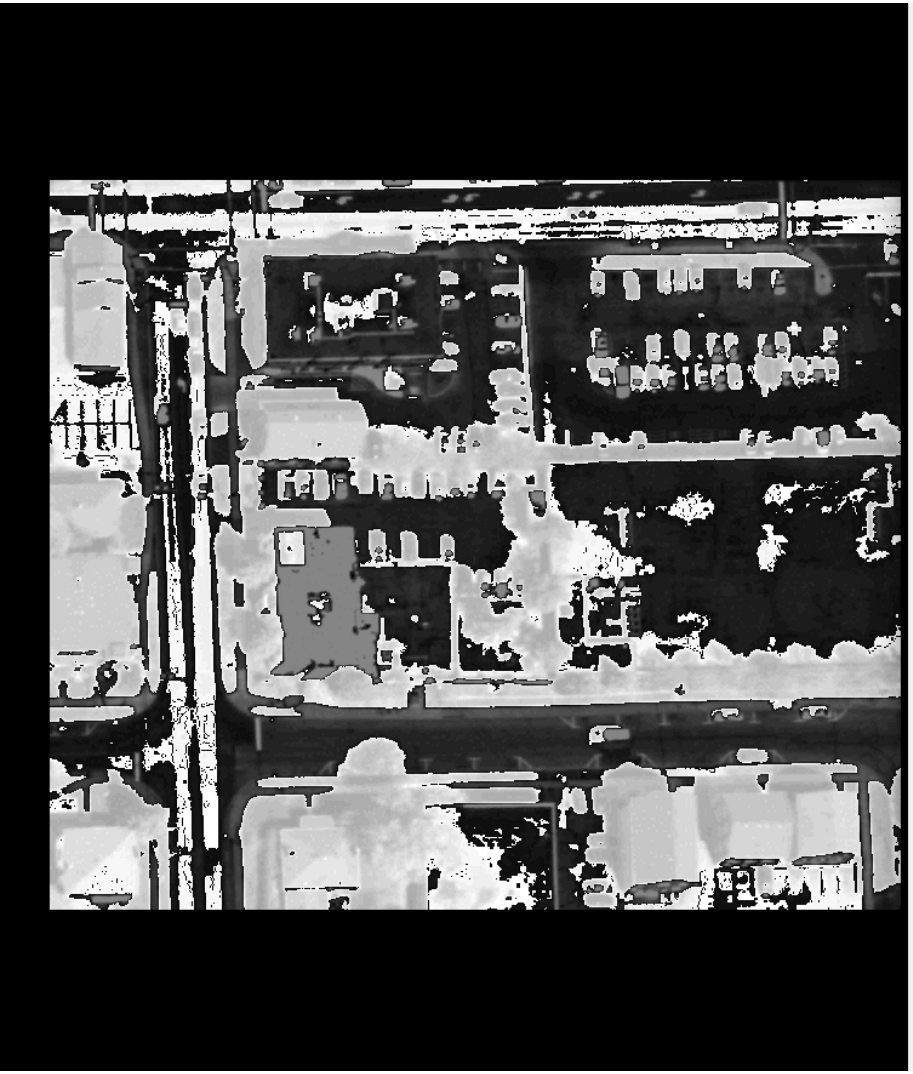


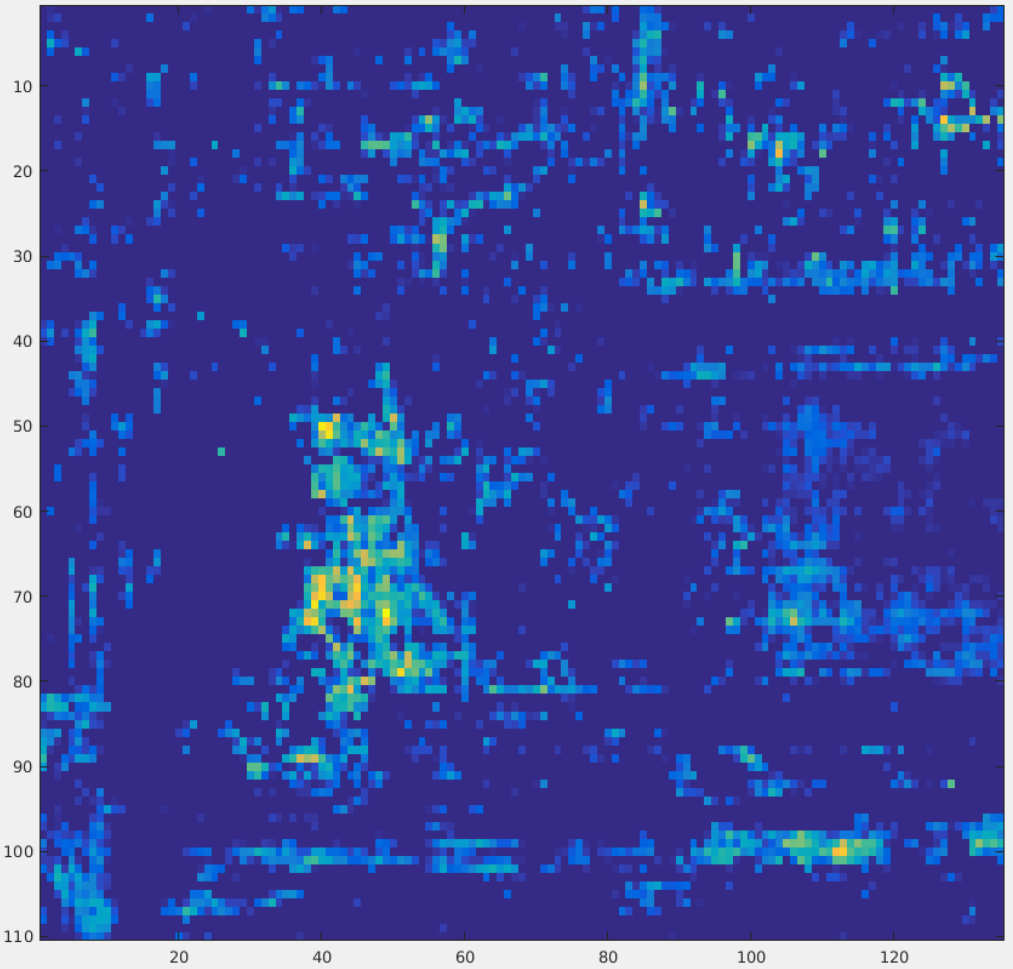


Results

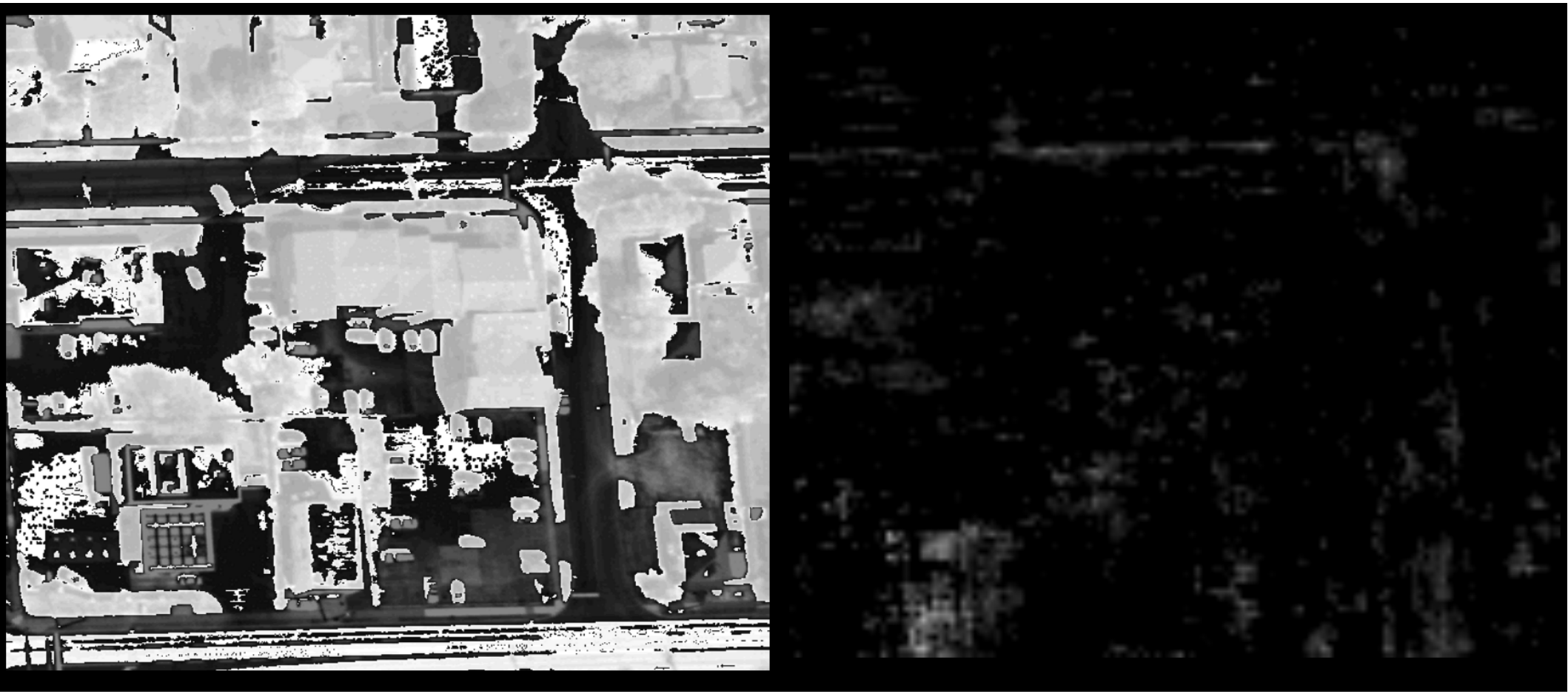


Results



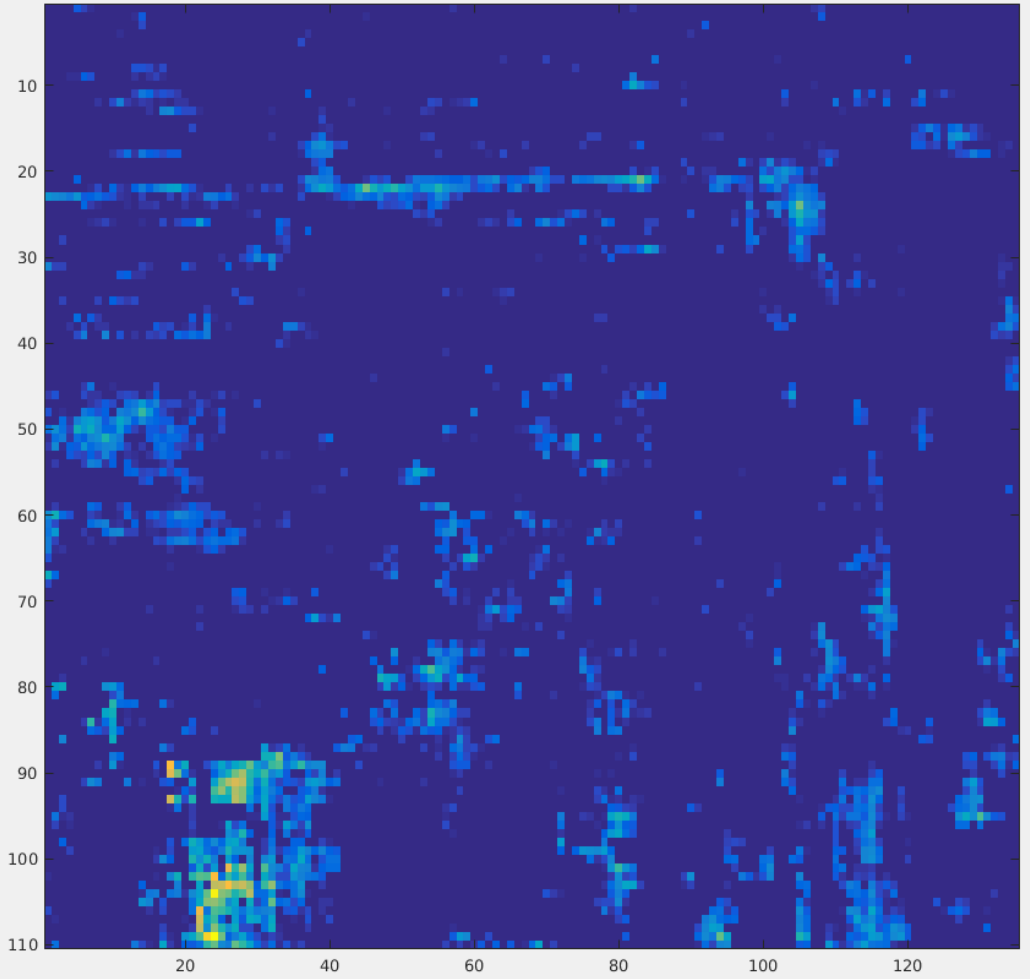


Results



Results





Next Steps

- Use only background-subtracted images to train network

- Visualize/Check network weights