Master-Praktikum – Learning for self-driving cars and intelligent systems – Winter 2019/20 Weekly Report : Sensor Modality Fusion

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Accomplished tasks:

- Implemented augmentation for the monocular images for AVOD
- Evaluated AVOD baseline and reproduced quantitative results
- Implemented util functions for deep continuous layers

Tasks planned for next week:

- Evaluate the model on dirty data(blurred, occluded by patches or no image input)
- Train the model with augmented data(blurred, occluded by patches or no image input) and evaluate the model
- Integrate AVOD fusion part with deep continuous layers

Issues / Roadblocks:

- The project of AVOD is big and complicated, so the code is hard to read through and modify
- The evaluation of AVOD has better result than the paper. It might be that we use different split file with the author. We plan to train AVOD again and use the split file the author provided in the github page