Self driving toy car

Project for 3D Computer Vision lecture, summer term 2020

Alexander Barth
M. Sc. student computer engineering
Heidelberg University
dl248@stud.uni-heidelberg.de

Grewan Hassan
M. Sc. student
Heidelberg University
g.hassan@stud.uni-heidelberg.de

Denis Münch
M. Sc. student
Heidelberg University
denis.muench@stud.uni-heidelberg.de

Royden Wagner
M. Sc. student computer engineering
Heidelberg University
royden-wagner@outlook.com

Abstract—This report describes the self driving car toy project done in the 3D Computer Vision lecture at Heidelberg University. The goal is to train neural networks so that the given car can drive autonomously on a track.

Index Terms—computer vision, autonomous driving, neural networks

I. Introduction

Intro to project

II. Experiments

A. Evaluation

III. Conclusion

References

References

[1] M. Abadi et al. "Tensorflow: Large-scale machine learning on heterogeneous distributed systems," arXiv preprint, 2016.