

Project Proposal

Cool Name for cycleGAN or gta Segmentation

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Project Description

- **Team:**

1. Frank Gabel -**something equal as for Daniel** Responsible for ??? Objectives ??? Expected results ???
2. Daniel Gonzalez - **something equal as for Frank** Responsible for ??? Objectives ??? Expected results ???

- **Problem Definition:** We want to solve an object recognition and classification task using segmentation and / or in the case of cycleGAN something like make nice images ???.

We want to orient our approach in the game Grand Theft Auto,¹ as this is a very popular game nowadays.

This approach could allow transformations of different scenarios of the game, so that makes it really interesting ;) and ???

- **Dataset:** Frank knows it²

- **Approach:** Our task is supposed to recognize different parts of an image, e.g. the sky, ground, persons, and continue with a segmentation of these objects in order to be allowed then to do a postprocessing. For this, we want to use CNNs to train data in order to ??? We also want to use ?? for edge detection and ???. This is appropriate as ?? Maybe if we are using something that already exists we can explain our implementation, e.g. in cycleGAN new images.

- **Evaluation & Expected Results:**

- **Hardware:** To achieve our goals, we plan to use: ???

– something fancy the GPUs from Felix ???³

¹Or use references??

²Or here better reference??

³from somewhere

- Frank's brain ⁴
- infinita ⁵

⁴big capacity for calculatons

⁵Daniel's computer