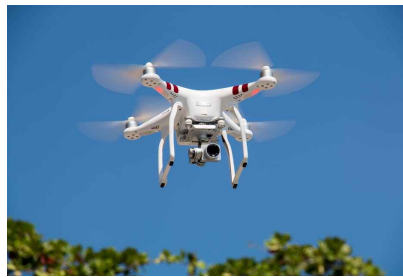


Master Thesis / Bachelor Thesis (2019)

## Deep Learning for Object Detection and Tracking on Aerial Images

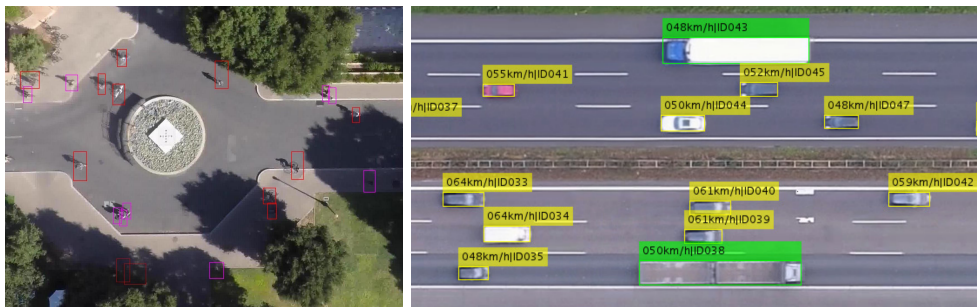


The thesis is composed of two main goals:

1. Detect and classify the following objects:

- Vehicles.
- Trucks.
- Motorcycles.
- Cyclists.
- Pedestrians.

2. Track detected obstacles to follow their trajectories and store them in a dataset.



We are happy to answer questions regarding the topic, reference literature or alternative topics. In this case please contact the supervisor below for further information.

Requirements: Knowledge of Python or C++  
Knowledge of Machine Learning methods  
Independent, diligent and structured way of working

Keywords: Drone, object detection, deep learning

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