Project: Your TITLE goes here

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Abstract

In the abstract, you should describe in a few sentences the problem you are solving and which method you are using to do so. An abstract should give a reader that is already familiar with the topic a general idea what the paper is about.

1. Introduction

The introduction can be seen as an explanation for readers that are not that familiar with the topic. First, you shortly motivate the topic your are trying to solve. Afterwards, you give a rough idea how your method solves the problem.

2. Related Work

Usually, the related work section lists and introduces literature about the problem that has already been published or on similar methods applied to other problems. In your case, it is fine to list the literature you gain your information from. Literature you refer to has to be included in the file "literature.bib". You can cite it by [1].

3. Method

In this section, you should describe the method you used to solve the problem in detail. Figures can help to explain the used method. An example how to insert a figure is given in Figure 1.
Also, formulas often help to make the mathematical background clearer. How to insert them is given here:

$$a + b + a = 2 \cdot a + b\,.$$

It is essential that the reader is able to understand your method according to this section.

4. Evaluation

4.1. Experimental Setup

Here, you should describe the data you used for training, the hyper parameter settings, how you split the data into a training and a test set, etc.. Additionally, you should explain how you adapted your method to work well on your problem setup.

Figure 1. Overview of method/ Network structure

Method	Frobnability
Theirs	Frumpy
Ours	Makes one's heart Frob

Table 1. Results. Ours is better.

4.2. Discussion

In the discussion, you present and discuss the results your method achieved in the provided setups, why which set up works better, ... The numbers (accuracy of your TEST set) should be given in a table, as e.g. Table 1. You should also show exemplary images for which you achieved good results and examples, where the algorithm did not work as expected. Give possible explanations for both cases, e.g. "what could be the reason for missing a Pedestrian? ".

5. Conclusion and Future Work

Finally, you shortly summarize what you achieved in your work and point out what could be done in the future to get even better results.

References

[1] Shaoqing Ren, Kaiming He, Ross Girshick, and Jian Sun. Faster r-cnn: Towards real-time object detection with region proposal networks. In *Advances in neural information processing systems*, pages 91–99, 2015.