

CS 4391 Introduction to Computer Vision Project

Final Report

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The project final report should be prepared using the CVPR latex template. A useful online LaTeX tool is Overleaf <https://www.overleaf.com/>. We have the CVPR latex template accessible here via overleaf: <https://www.overleaf.com/read/gpjssbtrrpqm>. You can download a copy of the template or make a copy in overleaf for your own project, and then edit it.

In this project final report, please describe the following items according to your progress:

- **Title.** The title of your project.
- **Team Members.** List the names of the team members.
- **Abstract.** Give an overview of the project.
- **Introduction.** Describe the motivation of the project, i.e., why do you want to work on this problem. Then describe an overview of the framework/method/system.
- **Related Work.** Discuss the related work of your project.
- **Method.** Describe your solution for the project. For example, describe each component of the framework in details. Try to use figures to illustrate the method instead of only using text. "A picture is worth a thousand words".
- **Experiments.** In this section, you can first describe the datasets and evaluation metrics. Then describe what experiments you have done for the project by adding experimental results to the report. You can use figures and plots to show these results.
- **Conclusion.** Describe the take-home messages of the project and conclude the report.
- **References.** Cite related works in the report.

Evaluation criteria: The grading will be based on the overall quality of the report in terms of writing, content and clarity. Failure can provide valuable insights. Make sure to discuss and analyze your results in detail, even if they are not in line with your initial expectations.

Minimum page requirement: **5 pages**. The report should be at least 5 pages with the CVPR format (excluding references, i.e., without references, the content should be at least 5 pages). You can go beyond 5 pages, but make sure it does not surpass 6 pages in length. (excluding references).

An example CVPR paper: you can check the structure of the following paper for reference <https://arxiv.org/pdf/2203.14072.pdf>.

Submission: Please submit the following items to eLearning. You can zip all the files.

- (Required) Final report in pdf format
- (Required) Source code of your project