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CS 584 Course Project Report Format Requirements

Format: [ACL latex template](#)

Page limitation: 8 pages, plus unlimited pages for References and Appendix.

Sections to include:

Abstract

- A summary of the main contents of the paper.
- A popular structure: “Here’s an important problem. Existing solutions don’t work well. This paper proposes a solution. This solution works well. This solution is important for solving future problems that resemble this one.”

Introduction

- Motivation
- Problem
- Solution (briefly describe the method, but without using equations.)
- Finding (in high level; avoid using jargons here)

Related Works

- At least two paragraphs: (1) other papers working on the similar problems. (2) other papers using a similar solution to different problems.
- I recommend searching with Google Scholar, Asta, Grok, and/or ChatGPT to find the papers recently published. The papers published in conferences need to be paid more attention to.
- At the end of each paragraph, use 1-2 sentences to write the relation between your work and the prior works. E.g., “we also use this method”, or “we study a different problem”

Method

- A more detailed description of your solution. Here you can use equations when necessary to describe the solution rigorously.
- There are usually alternative ways to design this solution. Remember to mention the rationales behind your solution.

Data

- Mention the dataset used. Remember that the reader may not already be familiar with the dataset; please include an example to illustrate the task specified by the dataset.
- Also, include a paragraph that describes some exploratory statistics: How many datapoints are there? If LLMs generated these data, what is the prompt, and which LLM was used?

Results

- Present the quantitative evaluation results of the proposed solution.
- Present some qualitative evaluation results of the solution. This usually includes an example showing where the solution works and another example showing where the solution fails.



- Ablation study and results. If you have tried other alternative ways to design the solution, and have evaluated these alternative solutions, you can present them here, and compare the performances to the “final solution” performances.

Discussion

The contents for the discussion section can be more flexible. Here are some possible writing prompts:

- What made the designed solution a good fit (or not) for the chosen problem?
- What capabilities of frontier models are used when building the solution?
- If future people want to build a better solution, what do you recommend them to do?

Conclusion

- Similar to Abstract but emphasize the experiment results more. A summary of the main contents of this paper.