

CS447 Research Project Proposal [Insert Your Project]

[Insert Your Name (Your NetID)]

October 2, 2020

If you are taking CS447 for 4 hours credit, you need to either do a research project or a literature review. This is a \LaTeX template for the initial proposal for the research project, but should also give you a start on the final report.

The blue pieces of text in this template are either instructions (`\instructions{...}`) or indicate where you need to fill in something (`\fillme{...}`). You should replace all the `\fillme{...}` commands with your own text. To make the instructions disappear, please uncomment the

```
\renewcommand{\instructions}[1]{}
```

lines in the preamble (just above `\begin{document}` of this .tex file) by removing the leading % marks, recompile (run \LaTeX again) and submit the PDF on Compass.

Task description

Describe the task you want to tackle in your project.

Background

What prior work has there been on or related to your task? Please provide bibliographic references where available

Data and evaluation

Do you have data to train/develop and test your system on? How will you evaluate your system?

Your approach

Describe how you want to tackle this task

Your to-do list

Get started by making a to-do list. Set yourself deadlines. Here are a few items that might appear on your to-do list

1. [Insert ...do you have data?]

2. [Insert ...do you know related work? (have you got the references for your .bib file?)]
3. [Insert ...what algorithm will you use? do you need to implement this yourself, or will you use an off-the-shelf package?]
4. [Insert ...what experiments do you plan to run?]
5. [Insert ...how will you evaluate your experiments? Do you have to implement your own evaluation script, or can you use somebody else's?]
6. [Insert ...and don't forget to allocate time for the writeup!]

Bibliography

Your references for the background section, should go in your own .bib file. You then need to run `bibtex`.¹ If you call your bibliography `mybib.bib` and put it in the same directory as this .tex file, add `\bibliography{mybib}` before `\end{document}`

¹You may want to look at <http://www.bibtex.org/Using/>