

# CS 287 --- Final Project Guidelines

## Logistics and Timeline

Dec 11<sup>th</sup>, 23:59: *Final paper due*

Final result: 6-8 page paper + an in class presentation.

Should be structured like a conference paper, i.e., focus on the problem setting, why it matters, what is interesting/unsolved about it, your approach, results, analysis, and so forth. Cite and briefly survey prior work as appropriate, but don't re-write prior work when not directly relevant to understand your approach.

Dec 3<sup>rd</sup>, In-class project presentations

Nov 9<sup>th</sup>, 23:59: 1 page milestone report due

Oct. 9<sup>th</sup>, 23:59: **\*\*Approved-by-me\*\*** abstracts due: 1 page description of project + goals for milestone. Make sure to sync up with me before then!

1 or 2 students/project. If you are two students on 1 final project, I will expect twice as much research effort has gone into it!

## Final project contents:

Original investigation into an area that relates sufficiently closely to the course.

Could be algorithmic/theoretical idea

Could be application of existing algorithm(s) to a platform or domain in which these algorithms carry promise but have not been applied

Alternatively: Significant improvement for an existing (or new) assignment for this course or for an existing (or new) assignment for 188 which has close ties to this course.

Ideally: we are able to identify a topic that relates both to your on-going PhD research and the course.

You are very welcome to come up with your own project ideas, yet make sure to pass them by me **\*\*before\*\*** you submit your abstract.

Feel free to stop by office hours or set an appointment (via email) to discuss potential projects.