CSCI 447/547: Proposal/Final project

February 27, 2018

Proposal due Mar. 19. Final project due Apr. 27 (however some project presentations will occur before this date).

1 Proposal

Earlier in the semester, I asked you to write a few sentences describing your ideas for a project. Now, **I'd like you to expand your project idea in to a proposal**. The proposal should be around a single page (single-spaced) of text, plus figures if you feel that they will help demonstrate your idea. Your proposal should clearly identify the problem you (or the authors of the paper you are reporting on) wish to address, the motivation for solving it, any background literature that is relevant for understanding the material, and the (tentative) technical approach you intend to take. For those of you whose initial project idea submission was close to these requirements already, please take this opportunity to update me with your current thinking on what you'd like to do.

2 Final project

The final project should be of sufficient length and detail to fully describe the realization of the process you outlined in the proposal. As a general guideline, 3-4 pages is probably reasonable. The finished project should be structured as an academic paper, with an abstract, an introduction (outlining the problem and background material), methods (how you or the author of your chosen paper did what you set out to do), results, and a discussion (in which you talk about successes, difficulties, and caveats associated with your results).

In addition to the written document, you will need to provide a 5-7 minute talk to the class discussing what you did. It will be a challenge to distill your work into this time frame! (I wish it could be longer, but with so many people in the class it just isn't possible). You should generate 1-2 slides to accompany your talk. We will begin scheduling these mini-talks after spring break. The last few weeks of class, plus the final day will be reserved for these presentations.