

CS-6700 Advanced Artificial Intelligence
Spring 2013
Project Proposals — Survey Form

Due Date: Wedn., April 3, 3:25pm. Email a pdf version to selman@cs.cornell.edu. Use in subject line of email: CS-6700 Project Proposal.

Preparation: This option requires you to do a preliminary literature survey to prepare your proposal.

Format: The proposal should contain four components:

1. A title with your name(s) and netids. Also, note "Survey paper" on first page.
2. An outline of your survey paper with the subtopics you plan to cover. (Give preliminary table of contents.)
3. Bibliography with papers you plan to cover in detail (5 to 10).
4. Extended bibliography with another 10 to 15 papers you may refer to.

The proposal should not be more than about **three pages** in length.

Proposals will be graded Satisfactory/Unsatisfactory based on the clarity and believability of the above components.

Proposals can be modified for content in response to my comments/suggestions.

NOTE:

1. Email me at selman@cs.cornell.edu if you'd like some feedback on early ideas.
2. For the **final evaluation**, you will need to submit (1) An extended and updated version of the powerpoint you used for your in-class presentation, and (2) The survey paper (20 to 30 pages main text and figures, with a bibliography). Your paper should contain a careful survey of what is reported in the literature, but also a critical evaluation mentioning both strengths and weaknesses of the reviewed work. Your survey should also include at least two technical subtopics explained in detail with clear examples. The explanation should be sufficiently specific for the reader to be able to duplicate that aspect of the work from your paper. Finding several good examples (with figures) as illustrations is key to a good exposition. Finally, your survey should also contain a section on "Directions for Future Research," in which you suggest possible future research directions in the area.