

CMSI 698 RESEARCH METHODS SEMINAR

Fall 2008

Midterm Annotated Bibliography

Assignment	Problems	Date Due
Midterm	Annotated Bibliography	14 OCT 2008
5	Identify and analyze references for classmate's project	21 OCT 2008
6	Proposal draft	4 NOV 2008
Final	Research proposal and presentation	9 DEC 2008

Annotated Bibliography (due 14 October)

A large part of this course consists of readings from current computer science literature. Such readings, regardless of subject matter, form the foundation of all successful research. An annotated bibliography documents these readings, and you shall write one as part of your course work. The annotated bibliography is equivalent to a midterm exam.

Students will present their bibliographies-in-progress to the class over the next few weeks and incorporate class feedback into their bibliographies. You might think of this as analyzing various aspects of your site study, in anticipation to developing the various "elevations" and diagrams that an architectural firm will draw to convey their vision and design to the owner who has come to them to have a home built.

This assignment includes *both* a paper containing the bibliography and a presentation of the related work contained in the bibliography.

Bibliography

The bibliography actually has two parts: an overview and the references. The overview describes the framework on which the proposal will be built. It needs to accomplish two tasks: identify the major issues with which the proposal must address, identify the significant work that has already been accomplished (and peer reviewed) in the area, and set the scope of the proposal (identify the ideas and references that are beyond the scope of or otherwise not related to the proposal effort).

The citation section consists of reference citation/individual annotation pairs. Each citation should be written with a hanging indent; the following annotation should be an indented paragraph. Refer to figure 1 for an example.

S.E. August and C.P. Dolan (1992). Hughes Research Laboratories: Trainable Text Skimmer for MUC-4, System Description. Proceedings of the Fourth Message Understanding Conference (MUC-4). Mc Lean, Virginia, 16-18 June, 1992.

The Trainable Text Skimmer (TTS) is a statistical system which uses a set of Bayesian classifiers to extract data from free text input and to select and complete the slots of an appropriate event template. First, a set of frequently used phrases is identified in a training corpus. Next, a text is skimmed to determine which category of event template it most closely matches. Finally, relevant data is extracted from the text and used to complete the template. TTS is effective for the majority of slots, but it is thought that performance cannot be improved significantly without including language- or domain-specific processing, of which it currently contains very little.

Figure 1. A sample citation/annotation pair.

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The citations can either be presented in a single list, or as a set of sublists categorized by issue/topic the references cover. Either way, the citations within the list or sublist must be ordered alphabetically by the surname of the first author.

The report should include a title page containing the following information centered on the page:

- Project title
- Annotated Bibliography
- Your name
- The class identifier
- The current date (due date)

All pages should be numbered, with the page number centered at the bottom of the page.

Bibliography

Your presentation should include:

- Title slide with project title, your name, the class identifier, and the current date
- Proposal slide succinctly describing
 - Your intended project (what you propose to do)
 - Motivation for the project (why do it)both in a nutshell -- short and to the point.
- A related work diagram showing how the references are related to one another
- *or* -
One slide for each category of reference or aspect of the project you are tackling
- A final slide restating (even more briefly) the problem you plan to study and your approach to tackling the proposal

Whether presenting a related work diagram or the various aspects of the project, the idea is to convey the issues that must be addressed and the references related to each of those issues.

Plan for a 20 minutes per student, including both presentation and Q/A. Each student's presentation will be timed and someone will be assigned to record questions and presentation tips.