

NLP Application Area Presentations

Presentation Date: December 6

Choose an Application Area

(I will ask you for first and second choices.)

NLP Application Areas

- Machine Translation
- Information Retrieval/Search Engines
- Information Extraction/Text Mining
- Human Computer Interfaces / Dialogues
- Summarization
- Language Generation
- Question/Answering Systems
- Metadata Extraction
- Or you may suggest another area of interest to you

Student Presentation Groups

1. Explore/research the topic area: choose reference materials and examples and divide up the work among the group
2. Ideas for the kinds of things to do – your choice will depend on the area:
 - Read papers, search the web, etc. and describe examples of the application area
 - Describe how NLP contributes to this application area, if possible
 - Describe issues or difficulties
 - Give examples of companies or organizations, show web sites, etc.
 - Read research papers and describe advances in the field, such as improvements to algorithms or techniques or successes in the application area
3. Prepare a 5-10 minute presentation on the area (also depends on size and number of groups)
 - Probably prepare powerpoint slides, but other modes of presentation are possible
 - Last slide is list of resources, including papers, URLs, etc.
 - Choose whether to give presentation in class or submit presentation materials

Note that this is required for graduate students and can be chosen by undergraduates to replace the final project.