End of the Semester Summary
2014 Fall

Jialu Liu

December 3, 2014
What I have done

1. **Phrase Mining**, collaborated with Jingbo, Xiang, Chi
   - Ranks meaningful phrases in a large corpus
   - Effective, Efficient, Data-driven
   - Submitted to SIGMOD
What I am doing

1. Constructing Concept Hierarchy,
   - Uses Noisy-Or Bayesian network to build a DAG among topics and concepts with Structure EM
   - Concepts are from phrase mining and NLP chunking.
   - Approximate MCMC-based inference in Expectation step
   - Embedded in a Community Question Answering application
- Paper reviews
- NSF Proposal writing with Yanglei and Xiang
- Maintain group servers
- Arrange spare facilities
- WSDM paper accepted
Happy Holiday Season!