Research—Context-Based Paper Similarity

- w/ Honglei, Karan Ghai, Jingbo
- Candidate phrases (SegPhrase)
- Key technical phrase identification
- Cluster phrases to capture synonyms and alleviate redundancy
- Measure paper similarity with consideration of synergetic co-occurrence

\[ A \ast B = (A^{0.5} B^{0.5})^{0.2} = \left( \sum_{k} (A_{i,k} B_{k,j})^{0.5} \right)^{2} \]
Research—Trendy Feature Analysis

• Course project

• w/ Ji Yang, Kanika Narang, Boyan Li

• Key phrase extraction, pattern mining and aspect sentiment analysis
Courses

- CS 512 Advanced Data Mining
- CS 410 Text Information System

Help with coordinating DM Seminar, paper review

Summer: intern with LinkedIn
Thanks!