2017 Spring Summary

Shi Zhi
Research

• Open-domain Fact Extraction
  – With Liyuan, Meng, Ahmed
  – Use graph-based method to cluster both similar facts and similar meta-patterns

• Time-variant Truth Discovery
  – With Fan Yang (CS 512)
  – Proposed a HMM-based model to model the dynamics of both sources and truth

• Entity Extraction in Short Text
  – With Aravind, Adit (CS 512)
  – Use PGM and Adaptive Grammar to discover the entity/types from short text (DBLP + pubmed paper titles)

• Statement Verification on Web
  – With Jiayi Liu et al. (CS512)
  – System demo of statement verification

• Collaborative Work
  – Relation Extraction via representation learning (with Liyuan et al.), submitted to EMNLP’17
  – Link Prediction across Aligned Networks (with Jiawei Zhang), accepted by ICDE’17
Miscellaneous

• TA for CS512
• Reviewer for ECMLPKDD’17

• Thanks!