Wenhao Yu

CONTACT INFORMATION

355 FitzPatrick Hall
Department of Computer Science and Engineering
University of Notre Dame, IN 46556, US

Phone: (+1) (574) 292-6516
E-mail: wyu1@nd.edu

RESEARCH INTERESTS

- Text Mining
- Machine Learning
- Intention analysis
- Text Generation

EDUCATION EXPERIENCE

University of Notre Dame, IN, US — August 2019 - Now
Ph.D. in Computer Science and Engineering — GPA: 4.0/4.0
- Advisor: Professor Meng Jiang

Sichuan University, Chengdu, China — August 2015 – July 2019
B.E. in Computer Science and Technology — GPA: 3.8/4.0

PUBLICATIONS

[W2] **Wenhao Yu**, Lingfei Wu, Shu Tao, Yu Deng, Qingkai Zeng, Meng Jiang. "Generating Helpful Responses for Intelligent Tech Support," in the Workshop on Reasoning for Complex QA (RCQA) in conjunction with AAAI Conference on Artificial Intelligence (**AAAI**), 2020.

[W1] Qingkai Zeng, Mengxia Yu, **Wenhao Yu**, Jinjun Xiong, Yiyu Shi, Meng Jiang. "Faceted Hierarchy: A New Graph Type to Organize Scientific Concepts and a Construction Method," in the Workshop on Graph-Based Natural Language Processing (TextGraphs) in conjunction with Conference on Empirical Methods in Natural Language Processing (**EMNLP**), 2019.

[C1] **Wenhao Yu**, Zongze Li, Qingkai Zeng and Meng Jiang. "Tablepedia: Automating PDF Table Reading in an Experimental Evidence Exploration and Analytic System," in Proceeding of International World Wide Web Conference (**WWW**), 2019.

PROJECTS

Tablepedia: Automatic Table Reading for Experimental Evidence
Supervised by Prof. Meng Jiang — July 2018 - September 2019
- Proposed an experimental evidence extraction system to automate the integration of tables (in the paper PDFs) into a database of experimental results.
- Proposed hybrid features including structural and semantic table features as well as an ensemble learning approach for table unification.

Identifying Referential Intention with Heterogenerous Contexts
Supervised by Prof. Meng Jiang — July 2019 - December 2019
- Proposed a neural framework with Interactive Hierarchical Attention to identify intentions of referential behavior by aggregating heterogeneous contexts.

TEACHING EXPERIENCE

ND CSE-40647/60647: Data Science — Fall 2019
- Teaching assistant for Professor Meng Jiang.

HONORS AND AWARDS

Tang Lixin Excellent Student Scholarship (0.1%) — 2018
National Undergraduate Scholarship of China (1%) — 2017

TECHNICAL STRENGTHS

Programming Languages: Python, MATLAB, C++
Deep Learning Platforms: PyTorch, TensorFlow, Keras
Computer Skills: Git, LaTeX, Linux, Keynotes, MS Offices

SERVICES

Invited Reviewer of ACM Transactions on Knowledge Discovery from Data (TKDD)

(Last updated on December 15, 2019)