Xisen Jin

CONTACT
INFORMATION

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*Webpage:*https://aucson.github.io

RESEARCH
INTERESTS

Natural Language Processing
- Dialogue Systems, Question answering, Information Extraction

Data Mining
- Graph mining

Machine Learning
- Semi-supervised learning, Reinforcement learning

EDUCATION

Fudan University, Shanghai, China
- Undergraduate, From Sep. 2015 to Jul. 2019
- GPA: 3.86/4.00, Ranking: 1/117
- Major GPA: 3.97/4.00

National University of Singapore, Singapore
- Non-graduating Exchange Student, From Aug. 2017 to Dec. 2017
- GPA: 4.00/4.00

WORKING
EXPERIENCE

Microsoft Research Asia, Beijing, China

Research Intern, From Jul. 2018 to Oct. 2018
- Advisor: Dr. Nan Duan, Dr. Ming Zhou
- Research on knowledge extraction from conversational logs and deep pretraining techniques. Build retrieval-ensemble dialogue systems on real customer service corpus.

Data Science Lab, **JD.com**, Beijing, China

Research Intern, From Dec. 2017 to Feb. 2018
- Advisor: Dr. Zhaochun Ren, Dr. Dawei Yin
- Research on semi-supervised and unsupervised state tracking for dialogue systems. Experiment on real JD.com customer service corpus.

Web Information Retrieval / Natural Language Processing Group (WING), National University of Singapore

Research Assistant, From Aug. 2017 to Dec. 2017
- Advisor: Dr. Min-Yen Kan
- Research on task-oriented dialogue system frameworks.

Natural Language Processing Group, School of Data Science, Fudan University

Research Assistant, From Oct. 2016 to present
- Advisor: Dr. Zhongyu Wei
- Research on text-based generative and discriminative speaker classifiers , emotional dialogue generation and completed undergraduate research(UROP) project.

PUBLICATIONS
1. **Xisen Jin**, Wenqiang Lei, Zhaochun Ren, Hongshen Chen, Shangsong Liang, Yihong Zhao and Dawei Yin. Explicit State Tracking with Semi-Supervision for Neural Dialogue Generation, *CIKM 2018*, Full paper.
   - The work proposes a semi-supervised state tracking mechanism for both task-oriented-dialogue and non-task-oriented dialogue systems.
   - Jin contributed to the full pipeline of research proposal, algorithm design and experiments. Jin also contributed to majority of the text.

2. Wenqiang Lei, **Xisen Jin**, Zhaochun Ren, Xiangnan He, Min-Yen Kan and Dawei Yin. Sequicity: Simplifying Task-oriented Dialogue Systems with Single Sequence-to-Sequence Architectures. *ACL 2018*. Full paper.
   - The work proposes an end-to-end trainable framework for task-oriented dialogue systems.
   - Jin contributed to experiments and great portion of algorithm design including training algorithm. Jin also contributed to some portion of the text.

WORKING PAPERS
1. **Xisen Jin**, Nan Duan, Zhongyu Wei, Ming Zhou. FARE: Incorporating Future Information from Dialogue Logs for Response Generation.
   - Jin contributed to the full pipeline of research proposal, algorithm design, experiments, and text.

SELECTED SCHOLARSHIPS AND AWARDS
(0-2%)National Scholarship for Undergraduates, 2016
(0-2%)National Scholarship for Undergraduates, 2017
(0-5%)Scholarship for computer science elite program, First Prize
IShamrock Software Competition 2017, First Runner Up
16/1000 in Microsoft Beauty of Programming Contest: *Document and KB based question answering*, China, 2017