

## Xisen Jin

---

### CONTACT INFORMATION

Department of Computer Science and Technology  
Fudan University, Shanghai, China

*Mobile:* +86 15802131326  
*E-mail:* xsjin15@fudan.edu.cn  
*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: 5.00 / 5.00

### 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	<ol style="list-style-type: none"> <li>1. <b>Xisen Jin</b>, Wenqiang Lei, Zhaochun Ren, Hongshen Chen, Shangsong Liang, Yihong Zhao and Dawei Yin. Explicit State Tracking with Semi-Supervision for Neural Dialogue Generation, <i>CIKM 2018</i>, Full paper. <ul style="list-style-type: none"> <li>• The work proposes a semi-supervised state tracking mechanism for both task-oriented-dialogue and non-task-oriented dialogue systems.</li> <li>• Jin contributed to the full pipeline of research proposal, algorithm design and experiments. Jin also contributed to majority of the text.</li> </ul> </li> <li>2. Wenqiang Lei, <b>Xisen Jin</b>, Zhaochun Ren, Xiangnan He, Min-Yen Kan and Dawei Yin. Sequicity: Simplifying Task-oriented Dialogue Systems with Single Sequence-to-Sequence Architectures. <i>ACL 2018</i>. Full paper. <ul style="list-style-type: none"> <li>• The work proposes an end-to-end trainable framework for task-oriented dialogue systems.</li> <li>• Jin contributed to experiments and great portion of algorithm design including training algorithm. Jin also contributed to some portion of the text.</li> </ul> </li> </ol>
WORKING PAPERS	<ol style="list-style-type: none"> <li>1. <b>Xisen Jin</b>, Nan Duan, Zhongyu Wei, Ming Zhou. FARE: Incorporating Latent Future Information from Dialogue Logs for Response Generation. <ul style="list-style-type: none"> <li>• Jin contributed to the full pipeline of research proposal, algorithm design, experiments, and text.</li> </ul> </li> </ol>
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: <i>Document and KB based question answering</i> , China, 2017