

Xisen Jin

CONTACT INFORMATION	Department of Computer Science University of Southern California, Los Angeles, US	<i>E-mail:</i> xisenjin@usc.edu <i>Webpage:</i> xsjin.xyz
RESEARCH INTERESTS	Natural Language Processing Machine Learning <ul style="list-style-type: none">• Fairness, Interpretability, Continual Learning	
EDUCATION	University of Southern California , Los Angeles, US <ul style="list-style-type: none">• Ph.D. student in Computer Science, From Aug. 2019• Advisor: Dr. Xiang Ren Fudan University , Shanghai, China <ul style="list-style-type: none">• B.S. in Computer Science (<i>Honored program</i>), From Sep. 2015 to Jul. 2019• GPA: 3.75 / 4.00, Ranking: 1 / 117 National University of Singapore , Singapore <ul style="list-style-type: none">• Non-graduating Exchange Student, From Aug. 2017 to Dec. 2017• GPA: 5.00 / 5.00	
PUBLICATIONS	<ol style="list-style-type: none">1. Xisen Jin, Junyi Du, Arka Sadhu, Ram Nevatia and Xiang Ren. Visually Grounded Continual Learning of Compositional Phrases. <i>Continual Learning Workshop@ICML 2020</i>.2. Xisen Jin, Junyi Du, and Xiang Ren. Gradient Based Memory Editing for Task-Free Continual Learning. <i>4th Lifelong Learning Workshop@ICML 2020</i>.3. Brendan Kennedy, Xisen Jin, Aida Mostafazadeh Davani, Morteza Dehghani, and Xiang Ren. Contextualizing hate speech classifiers with post-hoc explanation. <i>ACL 2020</i>, Short Paper.4. Xisen Jin, Junyi Du, Zhongyu Wei, Xiangyang Xue and Xiang Ren. Towards Hierarchical Importance Attribution: Explaining Compositional Semantics for Neural Sequence Models, <i>ICLR 2020</i>, Spotlight.5. 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, <i>CIKM 2018</i>, Full paper.6. 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. <i>ACL 2018</i>. Full paper.	
RESEARCH EXPERIENCE	Snap Inc. , Los Angeles, US Research Intern, From May. 2020 to Aug. 2020 <ul style="list-style-type: none">• Advisor: Dr. Francesco Barbieri, Leonardo Neves Microsoft Research Asia , Beijing, China Research Intern, Natural Language Computing group, From Jul. 2018 to Oct. 2018 <ul style="list-style-type: none">• Advisor: Dr. Nan Duan, Dr. Ming Zhou	

- Research on retrieval-enhanced dialogue generation models.

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. Experimented on real JD.com customer service corpus and several crowd-sourced corpora. Research paper published at CIKM 2018.

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

Research Assistant, From Aug. 2017 to Dec. 2017

- Advisor: Prof. Min-Yen Kan
- Research on designing a simple framework for task-oriented dialogue system pipeline and improving out-of-vocabulary capability of models. Research paper published at ACL 2018.

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

Research Assistant, From Oct. 2016 to Jul. 2019

- Advisor: Prof. Zhongyu Wei
- Research on hierarchical explanation of neural network predictions.
- Research on text-based neural generative and discriminative speaker classifiers. Completed a funded undergraduate research project.

SELECTED
SCHOLARSHIPS
AND AWARDS

- Annenberg Fellowship, University of Southern California, 2019
- Honored Student of Computer Science Elite Program, Fudan University, 2019
- SIGIR Student Travel Grant, 2018
- Chinese National Scholarship, 2017
- First Prize, Fudan Scholarship for computer science elite program, 2017
- Chinese National Scholarship, 2016