

# Woojeong Jin

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## RESEARCH INTERESTS

Natural Language Processing, Multi-modal Understanding

## EDUCATION

**University of Southern California**, Los Angeles, California

- Ph.D. in Computer Science
- Advisor: Prof. Xiang Ren

Aug. 2018 – Present

**Seoul National University**, Seoul, Korea

- B.S. in Electrical and Computer Engineering

Feb. 2017

## RESEARCH & WORK EXPERIENCE

**AI Integrity, Facebook AI**, Menlo Park, California

- Research Intern
- Mentors: Hamed Firooz and Maziar Sanjabi

May. 2020 – Aug. 2020

**Seoul National University**, Seoul, Korea

- Research Assistant
- Advisor: Prof. U Kang

Jan. 2016 – Apr. 2018

**LG Electronics**, Seoul, Korea

- Research Intern

June 2014 – Aug. 2014

## PUBLICATIONS

### PREPRINTS

- [P2] [Woojeong Jin](#), Maziar Sanjabi, Shaoliang Nie, Liang Tan, Xiang Ren, and Hamed Firooz. Modality-specific Distillation. *arXiv preprint*, 2020.
- [P1] [Woojeong Jin](#), Suji Kim, Rahul Khanna, Dong-Ho Lee, Fred Morstatter, Aram Galstyan, and Xiang Ren. ForecastQA: A Question Answering Challenge for Event Forecasting. *arXiv preprint*, 2020.

### REFEREED CONFERENCE PAPERS

- [C6] [Woojeong Jin](#), Meng Qu, Xisen Jin, and Xiang Ren. Recurrent Event Network: Autoregressive Structure Inference over Temporal Knowledge Graphs. *EMNLP 2020 (long)*.
- [C5] Sankalp Garg\*, Navodita Sharma\*, [Woojeong Jin](#), and Xiang Ren. Temporal Attribute Prediction via Joint Modeling of Multi-Relational Structure Evolution. *IJCAI 2020*.
- [C4] Cong Fu, Tong Chen, Meng Qu, [Woojeong Jin](#), and Xiang Ren. Collaborative Policy Learning for Open Knowledge Graph Reasoning. *EMNLP 2019 (long)*.
- [C3] Weizhi Ma, Min Zhang, Yue Cao, [Woojeong Jin](#), Chenyang Wang, Yiqun Liu, Shaoping Ma, and Xiang Ren. Jointly Learning Explainable Rules for Recommendation with Knowledge Graph. *TheWebConf 2019*.
- [C2] Minji Yoon, [Woojeong Jin](#), and U Kang. Fast and Accurate Random Walk with Restart on Dynamic Graphs with Guarantees. *TheWebConf 2018*.
- [C1] Jinhong Jung, [Woojeong Jin](#), Lee Sael, and U Kang. Personalized Ranking in Signed Networks using Signed Random Walk with Restart. *ICDM 2016*.

### REFEREED JOURNAL PAPERS

- [J3] Jinhong Jung, [Woojeong Jin](#), Ha-myung Park, and U Kang. Accurate Relational Reasoning in Edge-labeled Graphs by Multi-labeled Random Walk with Restart. *World Wide Web Journal*, 2020.
- [J2] [Woojeong Jin](#), Jinhong Jung, and U Kang. Supervised and Extended Restart in Random Walks for Ranking and Link Prediction in Networks. *PLOS ONE*, 2019.
- [J1] Jinhong Jung, [Woojeong Jin](#), and U Kang. Random Walk Based Ranking in Signed Social Networks: Model and Algorithms. *KAIS*, 2019.

### WORKSHOPS

[W1] Woojeong Jin, Changlin Zhang, and Xiang Ren. Recurrent Event Network for Reasoning over Temporal Knowledge Graphs. *ICLR-RLGM 2019*.

## PATENTS

### KOREA

- **Method for Providing Supervised and Extended Restart in Random Walks for Ranking and Link Prediction in Networks** with Jinhong Jung and U Kang. KR: 10-2017-0131543 (filed on Nov. 10, 2017).
- **Method for Personalized Ranking in Signed Networks, Recording Medium And Device for Performing the Method** with Jinhong Jung and U Kang. KR: 10-2017-0005485 (filed on Jan. 12, 2017).

## AWARDS & HONORS

- Kwanjeong Educational Foundation Scholarship Aug. 2018 – Present
- USC Annenberg Graduate Fellowship Aug. 2018 – Present
- Merit-based Scholarship, SNU 2014, 2015, 2016
- National Scholarship for Science and Engineering, Korea Student Aid Foundation 2010

## SERVICES

Program Committee Member (Reviewer):

- Conferences: KDD 2020, AKBC 2020, WSDM 2019, CONLL 2019, NeurIPS 2019
- Workshops: ICLR 2019 LLD, KDD 2019 MLG, NeurIPS 2019 GRL

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