Woojeong Jin

Email: woojeong.jin@usc.edu • https://woojeongjin.github.io

RESEARCH INTERESTS

Graph-based Machine Learning, Natural Language Processing

EDUCATION

University of Southern California, Los Angeles, California

Ph.D. in Computer ScienceAdvisor: Prof. Xiang Ren

Aug. 2018 – Present

Seoul National University, Seoul, Korea

B.S. in Electrical and Computer Engineering

Feb. 2017

RESEARCH & WORK EXPERIENCE

Seoul National University, Seoul, Korea

Research Assistant under Prof. U Kang

Jan. 2016 – Apr. 2018

LG Electronics, Seoul, Korea

Research Intern

June 2014 – Aug. 2014

PUBLICATIONS

PREPRINTS

[P1] <u>Woojeong Jin</u>, He Jiang, Meng Qu, Tong Chen, Changlin Zhang, Pedro Szekely, and Xiang Ren. Recurrent Event Network: Global Structure Inference over Temporal Knowledge Graph. *arXiv preprint*, 2019. (Under review of *ICLR 2020*)

REFEREED JOURNAL PAPERS

- [J2] <u>Woojeong Jin</u>, 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, <u>Woojeong Jin</u>, and U Kang. Random Walk Based Ranking in Signed Social Networks: Model and Algorithms. *KAIS*, 2019.

REFEREED CONFERENCE PAPERS

- [C4] Cong Fu, Tong Chen, Meng Qu, <u>Woojeong Jin</u>, and Xiang Ren. Collaborative Policy Learning for Open Knowledge Graph Reasoning. *EMNLP 2019*.
- [C3] Weizhi Ma, Min Zhang, Yue Cao, <u>Woojeong Jin</u>, Chenyang Wang, Yiqun Liu, Shaoping Ma, and Xiang Ren. Jointly Learning Explainable Rules for Recommendation with Knowledge Graph. *TheWebConf 2019*.
- [C2] Minji Yoon, <u>Woojeong Jin</u>, and U Kang. Fast and Accurate Random Walk with Restart on Dynamic Graphs with Guarantees. *TheWebConf 2018*.
- [C1] Jinhong Jung, <u>Woojeong Jin</u>, Lee Sael, and U Kang. Personalized Ranking in Signed Networks using Signed Random Walk with Restart. *ICDM 2016*.

WORKSHOPS

[O1] <u>Woojeong Jin</u>, Changlin Zhang, and Xiang Ren. Recurrent Event Network for Reasoning over Temporal Knowledge Graphs. *RLGM-ICLR*, 2019.

PATENTS

KOREA

- [P2] **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).
- [P1] **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
- USC Annenberg Graduate Fellowship

Aug. 2018 - Present

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

[CV compiled on 2019-11-19]