Hyunsik Jeon

Data Mining Laboratory ⋄ Seoul National University
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EDUCATION

Ph.D Student   *Mar. 2019 - Present*
Department of Computer Science and Engineering
Seoul National University
Advisor: Professor U Kang

Master of Science   *Feb. 2019*
Department of Computer Science and Engineering
Seoul National University
Advisor: Professor U Kang

Bachelor of Science   *Feb. 2017*
Department of Computer Science and Engineering
Hanyang University

RESEARCH INTERESTS

Recommender Systems: large-scale recommender systems, sequential recommendation, news recommendation, bundle recommendation

Transfer Learning: multi-source domain adaptation

AWARDS AND HONORS

SIGIR Student Travel Grants   *Aug. 2022*
· ACM International Conference on Information and Knowledge Management (CIKM), 2022, Atlanta, USA

MIND News Competition Award   *Sep. 2020*
· Second Prize Award (215 teams participated)

Best Student Paper Award   *May. 2020*
· Pacific-Asia Conference on Knowledge Discovery and Data Mining (PAKDD), 2020, Singapore

HumanTech Paper Award   *Feb. 2020*
· Honorable Metion - 4th in CSE
· Samsung Electronics

BigData Student Travel Grants   *Dec. 2019*
· IEEE International Conference on Big Data (BigData), 2019, Los Angeles, USA

WORK AND RESEARCH EXPERIENCES

Researh Intern   *July 2020 - Aug. 2020*
· Hyperconnect, Seoul, Republic of Korea

PUBLICATIONS

Conferences

[C05] ***Accurate Action Recommendation for Smart Home via Two-Level Encoders and Common-sense Knowledge***
Hyunsik Jeon, Jongjin Kim, Hoyoung Yoon, Jaeri Lee, and U Kang
International Conference on Information and Knowledge Management (CIKM), 2022, Atlanta, Georgia, USA

[C04] ***Accurate Node Feature Estimation with Structured Variational Graph Autoencoder***
Jaemin Yoo, Hyunsik Jeon, Jinhong Jung, and U Kang
Special Interest Group on Knowledge Discovery and Data Mining (KDD), 2022, Washington DC, USA

[C03] ***Accurate News Recommendation Coalescing Personal and Global Temporal Preferences***
Bonhun Koo, Hyunsik Jeon, and U Kang
Pacific-Asia Conference on Knowledge Discovery and Data Mining (PAKDD), 2020, Singapore

[C02] ***Data Context Adaptation for Accurate Recommendation with Additional Information***
Hyunsik Jeon, Bonhun Koo, and U Kang
IEEE International Conference on Big Data (BigData), 2019, Los Angeles, USA

[C01] ***Belief Propagation Network for Hard Inductive Semi-supervised Learning***
Jaemin Yoo, Hyunsik Jeon, and U Kang
International Joint Conference on Artificial Intelligence (IJCAI), 2019, Macao, China

Journals

[J03] ***PGT: News Recommendation Coalescing Personal and Global Temporal Preferences***
Bonhun Koo, Hyunsik Jeon, and U Kang
Knowledge and Information Systems (KAIS), 2021

[J02] ***Multi-EPL: Accurate multi-source domain adaptation***
Seongmin Lee, Hyunsik Jeon, and U Kang
PLOS ONE, 2021

[J01] ***Unsupervised Multi-Source Domain Adaptation with No Observable Source Data***
Hyunsik Jeon, Seongmin Lee, and U Kang
PLOS ONE, 2021

PROFESSIONAL SERVICES

Program Committee

IEEE International Conference on Big Data and Smart Computing (BigComp)	*2021 - 2022*

External Reviewer

IEEE International Conference on Big Data and Smart Computing (BigComp)	*2020*
ACM International Conference on Information Management (CIKM)	*2018 - 2019*
IEEE International Conference on Data Mining (ICDM)	*2019*
International Conference on Learning Representations (ICLR)	*2021*
ACM SIGKDD Conference of Knowledge Discovery and Data Mining (KDD)	*2019 - 2022*
Neural Information Processing Systems (NeurIPS)	*2021 - 2022*
The Web Conference (formerly known as WWW)	*2019 - 2021*
ACM International Conference on Web Search and Data Mining (WSDM)	*2019*

TALKS

Invited Conference Speaker

Data Context Adaptation for Accurate Recommendation with Additional Information, KSC 2019, *Dec. 19, 2019*

TEACHING EXPERIENCES

T.A. - Topics in Aritificial Intelligence (Optimization for Machine Learning)   *Spring 2018*
· Seoul National University, Seoul, Republic of Korea

T.A. - Data Structures   *Fall 2017*
· Seoul National University, Seoul, Republic of Korea

GRADUATE COURSEWORK

Self-learning Neural Algorithms	*Fall 2019*
Advanced Data Mining	*Fall 2019*
Big Data Analysis (Reinforcement Learning)	*Spring 2019*
Genetic Algorithm	*Spring 2019*
Data Compression	*Spring 2018*
Introduction to Computer Vision	*Spring 2018*
Information Visualization and Visual Analytics	*Fall 2017*
Large Data Analysis	*Fall 2017*
Data Analysis Using Deep Learning	*Spring 2017*

REFERENCES

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