

JOOYEON KIM

Ph.D. Candidate, School of Computing, KAIST

CONTACT INFORMATION

address E3-1, 4417, 291 Daehak-ro, Yuseong-gu, Daejeon
email jooyeon.kim@kaist.ac.kr
Homepage [LinkedIn Page](#)
skype jyscardioid

RESEARCH TOPICS

Probabilistic Machine Learning Bayesian Models; Approximate Inference Algorithms and Sampling Methods; Gaussian Processes
Information Network Stochastic Processes; Analyzing, Modeling, Inferencing and Controlling Large Real-world Networks
Computational Social Science Online Collaboration, Game Analytics

EDUCATION

KAIST 2016- Ph.D. Candidate, School of Computing
Advisor: Alice Oh
KAIST 2014-2016 M.S., School of Computing
Advisor: Alice Oh
The University of Tokyo 2010-2014 B.E., Systems Innovations
Advisor: Matsuo Yutaka

PEER REVIEWED PUBLICATIONS

Jooyeon Kim, Dongkwan Kim, Alice Oh. Homogeneity-Based Transmissive Process To Model True and False News in Social Networks, In *Proceedings of the 12th ACM International Conference on Web Search and Data Mining (WSDM)*, 2019. (Acceptance Rate: 16%.)

Jooyeon Kim, Behzad Tabibian, Alice Oh, Bernhard Scholkopf, Manuel Gomez Rodriguez. Leveraging the Crowd to Detect and Reduce the Spread of Fake News and Misinformation, In *Proceedings of the 11th ACM International Conference on Web Search and Data Mining (WSDM)*, 2018. (Acceptance Rate: 16%. Full Oral Presentation: 23 out of 84 papers.)

Jooyeon Kim, Dongwoo Kim, Alice Oh. Joint Modeling of Topics, Citations, and Topical Authority in Academic Corpora. *Transactions of the Association for Computational Linguistics (TACL)*, 5(1):191-204, 2017.

Jooyeon Kim, Brian C. Keegan, Sungjoon Park, Alice Oh. The Proficiency-Congruency Dilemma: Virtual Team Design and Performance in Multiplayer Online Games. In *Proceedings of the*

34th Annual ACM Conference on Human Factors in Computing Systems (CHI), 2016. (Acceptance Rate: 23%.)

WORKSHOPS, REPORTS, AND ETC.

Brian C. Keegan, **Jooyeon Kim**, Alice Oh. Navigating Adversarial Knowledge Networks: The Effects of Player Skill on Team Assembly Strategies in Multiplayer Online Battle Arena Games. *International School and Conference on Network Science (NetSci Poster)*, 2016.

Jooyeon Kim, Joon Hee Kim, Dongwoo Kim, Alice Oh. Diversity-seeking Users and Their Influence on Social News Sites. *Workshop on Data Science for News Publishing (NewsKDD) at KDD*, 2014.

RESEARCH EXPERIENCE

thingsflow

2018 - Researcher

Develop over 10 sympathizing and therapeutic chatbots with different characteristics. The service is used by more than 2.7 million users (as of October 2018).

Max Planck Institute

Summer 2017 Research Intern

Advisor: Manuel Gomez Rodriguez

KAIST

Fall 2013 Research Intern

Advisor: Alice Oh

REFERENCES

Alice Oh

Thesis Advisor; Associate Professor, Computer Science, KAIST, alice.oh@kaist.edu

Manuel Gomez Rodriguez

Tenure-Track Research Group Leader, Max Planck Institute, manuelgr@mpi-sws.org

SCHOLARSHIP & AWARD

2010-2014 Korea-Japan Joint Government Scholarship Program for Students in Departments of Science and Engineering (4 years)

ACADEMIC SERVICE

2018 Reviewer of EMNLP

2017 Reviewer of ACL

2016 Sub-Reviewer of ACL

COMPUTER SKILLS

Python, Java, Javascript, PHP, SQL, MATLAB

LANGUAGES

Korean: Native speaker, English: High proficiency (TOEFL score of 113 out of 120; expired), Japanese: High Proficiency (Higher education in Japan)

October 29, 2018