

# Kyungjae Lee

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## Research Interest

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- Natural Language Processing, Universal Question Answering, Combining a Neural Model with Knowledge Representation

## Education

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- Yonsei University, Seoul, Republic of Korea ~ Present  
Ph.D., Candidate, Adviser: Seung-won Hwang (GPA: 4.21 / 4.30),
- Yonsei University, Seoul, Republic of Korea ~ Feb 2016  
B.S., Electrical and Electronic Engineering (Major GPA: 4.05 / 4.30)

## Publications

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- [1] **Kyungjae Lee**, Nan Duan, Lei Ji, Jason Li, and Seung-won Hwang. “Segment-then-Rank: Non-factoid Question Answering on Instructional Videos”. In AAAI 2020 (to appear).
- [2] **Kyungjae Lee\***, Syunhyun Park\*, Hojae Han, Jinyoung Yeo, Seung-won Hwang, Juho Lee. “Learning with Limited Data for Multilingual Reading Comprehension”. In EMNLP 2019 (\*co-first authors, oral presentation).
- [3] Jihyeok Kim\*, Reinald Kim Amplayo\*, **Kyungjae Lee**, Sua Sung, Minji Seo, Seung-won Hwang. “Categorical Metadata Representation for Customized Text Classification”. In TACL 2019 (\*co-first authors).
- [4] **Kyungjae Lee**, Kyoungcho Yoon, Sunghyun Park, Seung-won Hwang. “Semi-supervised Training Data Generation for Multilingual Question Answering”. In LREC 2018.
- [5] Reinald Kim Amplayo, **Kyungjae Lee**, Jinyoung Yeo, and Seung-won Hwang. “Translations as Additional Contexts for Sentence Classification”. In IJCAI 2018.
- [6] **Kyungjae Lee**, Hyunsouk Cho, and Seung-won Hwang. “Gradable Adjective Embedding for Commonsense Knowledge”. In PAKDD 2017.

## Honors & Awards

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- Google Travel Grant for EMNLP 2019
- Global Ph.D. Fellowship by National Research Foundation of Korea (Tuition and Stipend for 5 years, 2017 ~ Present)
- BIG 2017 CUP (sponsored by Microsoft) Data competition, 3rd winner
- Undergraduate Yonsei Scholarship (Full Tuition for 4 years)
- Undergraduate, 2012-13 semester GPA honors



## Work & Teaching Experiences

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- Microsoft Research Asia, Internship (Sep 2018 ~ Mar 2019, “Skip the boring intro” project, Non-factoid video QA, accepted at AAAI 2020)
- Project: Student’s Semantic Trajectory Representation & Characterization (supported by Microsoft Research, 2016)
- Artificial Intelligence TA ( CSI4108, 2016 / 2017 Spring )
- Discrete Mathematics TA ( CSI2101, 2016 Fall )

## References

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Seung-won Hwang, Ph.D.

- Professor, Department of Computer Science, Yonsei University

Nan Duan, Ph.D.

- Principal Researcher Manager, Microsoft Research Asia, Beijing, China