

# Seanie Lee

NATURAL LANGUAGE PROCESSING · DEEP LEARNING

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## Education

### KAIST (Korea Advanced Institute of Science and Technology)

M.S. IN ARTIFICIAL INTELLIGENCE

- Supervised by [Sung Ju Hwang](#)

*Daejeon, S.Korea*

*Mar. 2020 - Present*

### Yonsei University

B.A. IN LIBRARY AND INFORMATION SCIENCE

- GPA: 4.18/4.30

*Seoul, S.Korea*

*Mar. 2011 - Feb. 2018*

## Publication

### CONFERENCES

#### Generating Diverse and Consistent QA pairs from Contexts with Information-Maximizing Hierarchical Conditional VAEs

DONG BOK LEE\*, **SEANIE LEE\***, WOOTAE JEONG, DONGHWAN KIM, SUNG JU HWANG

- [\[paper\]](#) [\[code\]](#) [\[video\]](#)
- \*: equal contribution

*ACL*

*2020*

#### g2pM: A Neural Grapheme-to-Phoneme Conversion Package for Mandarin Chinese Based on a New Open Benchmark Dataset

KYUBYONG PARK\*, **SEANIE LEE\***

- [\[paper\]](#) [\[code\]](#)
- \*: equal contribution

*INTERSPEECH*

*2020*

#### Domain-agnostic question-answering with adversarial training

**SEANIE LEE\***, DONGGYU KIM\*, JANGWON PARK\*

- [\[paper\]](#) [\[code\]](#)
- \*: equal contribution

*EMNLP-IJCNLP MRQA Workshop*

*2019*

### WORKSHOP

#### Domain-agnostic question-answering with adversarial training

**SEANIE LEE\***, DONGGYU KIM\*, JANGWON PARK\*

- [\[paper\]](#) [\[code\]](#)
- \*: equal contribution

*EMNLP-IJCNLP MRQA Workshop*

*2019*

### JOURNAL

#### Incorporating product description to sentiment topic models for improved aspect-based sentiment analysis

REINALD KIM AMPLAYO, SEANIE LEE, MIN SONG

*Information Science*

*2018*

## Experience

### Korea Advanced Institute of Science and Technology

GRADUATE RESEARCH ASSISTANT

- Research Assistant at [MLAI](#) group, supervised by [Sung Ju Hwang](#).

*Daejeon, S.Korea*

*Mar. 2020 - Present*

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INTERNSHIP

- Research on Question Answering, Semi-supervised Learning, Domain Generalization

*Seoul, S.Korea*

*Feb. 2019 - Jan. 2020*

## Awards

2019 **Silver Medal**, Named Entity Recognition in [NAVER NLP Challenge](#)  
2019 **Bronze Medal**, Semantic Role Labeling in [NAVER NLP Challenge](#)

*Seoul, Korea*  
*Seoul, Korea*