Seanie **Lee**

NATURAL LANGUAGE PROCESSING · DEEP LEARNING

291 Daehak-ro, Yuseong-gu, Daejeon, Korea 34141

✉ lsnfamily02@gmail.com | 🏠 seanie12.github.io | ⌨ seanie12 | 🎓 Seanie Lee

Education

KAIST (Korea Advanced Institute of Science and Technology)   *Daejeon, S.Korea*

M.S. IN ARTIFICIAL INTELLIGENCE   *Mar. 2020 - Present*

- Supervised by Sung Ju Hwang

Yonsei University   *Seoul, S.Korea*

B.A. IN LIBRARY AND INFORMATION SCIENCE   *Mar. 2011 - Feb. 2018*

- GPA: 4.18/4.30

Publication

CONFERENCES

Contrastive Learning with Adversarial Perturbations for Conditional Text Generation   *ICLR*

SEANIE LEE*, DONG BOK LEE*, SUNG JU HWANG.   *2021*

- [paper]
- *: equal contribution

Meta-GMVAE: Mixture of Gaussian VAE for Unsupervised Meta-Learning   *ICLR*

DONG BOK LEE, DONGCHAN MIN, SEANIE LEE, SUNG JU HWANG.   *2021*

- [paper]

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

DONG BOK LEE*, SEANIE LEE*, WOOTAE JEONG, DONGHWAN KIM, SUNG JU HWANG   *2020*

- [paper] [code][video]
- *: equal contribution

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

KYUBYONG PARK*, SEANIE LEE*   *2020*

- [paper][code]
- *: equal contribution

WORKSHOP

Domain-agnostic question-answering with adversarial training   *EMNLP-IJCNLP MRQA Workshop*

SEANIE LEE*, DONGGYU KIM*, JANGWON PARK*.   *2019*

- [paper][code]
- *: equal contribution

JOURNAL

Incorporating product description to sentiment topic models for improved aspect-based sentiment analysis   *Information Science*

REINALD KIM AMPLAYO, SEANIE LEE, MIN SONG   *2018*

Experience

Korea Advanced Institute of Science and Technology   *Daejeon, S.Korea*

GRADUATE RESEARCH ASSISTANT   *Mar. 2020 - Present*

- Research Assistant at MLAI group, supervised by Sung Ju Hwang.

42 Maru   *Seoul, S.Korea*

INTERNSHIP   *Feb. 2019 - Jan. 2020*

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

Awards

| 2019 | **Silver Medal**, Named Entity Recognition in NAVER NLP Challenge | *Seoul, Korea* |
| 2019 | **Bronze Medal**, Semantic Role Labeling in NAVER NLP Challenge | *Seoul, Korea* |

Presentation

Tech. talk, NAVER corp.   *Online, South Korea*
PRESENTATION OF INFO-HCVAE   *04.Dec. 2020*

- Generating Diverse and Consistent QA pairs from Contexts with Information-Maximizing Hierarchical Conditional VAEs
- ACL 2020 Long paper