

Joohong Lee

Machine Learning Researcher

Email : roomylee@naver.com

Mobile : +82-10-4324-8989

Github: @roomylee

EDUCATION

- **Hanyang University** Seoul, South Korea
M.S. in Computer Science *Mar. 2017 – Feb. 2019*
 - **Area:** Machine Learning, Natural Language Processing
 - **Advisor:** Yong Suk Choi (Artificial Intelligence Lab.)
 - **Thesis:** Semantic Relation Classification via Bidirectional LSTM Networks with Entity-aware Attention using Latent Entity Typing
- **Hanyang University** Seoul, South Korea
B.S. in Computer Science and Engineering *Mar. 2013 – Feb. 2017*

EXPERIENCE

- **Pingpong AI Research, Scatter Lab** Seoul, South Korea
Machine Learning Researcher & Team Manager *Mar. 2019 – Present*
- **Clova AI Research, Naver Corp.** Seongnam, South Korea
Machine Learning Research Intern *Jul. 2018 – Aug. 2018*
- **Software Maestro** Seoul, South Korea
Machine Learning Engineer *Jul. 2016 – Nov. 2016*

SELECTED PAPERS

- [4] Sungjoon Park*, Jihyung Moon*, Sungdong Kim*, Won Ik Cho*, Jiyeon Han, Jangwon Park, Chisung Song, Junseong Kim, Yongsook Song, Taehwan Oh, **Joohong Lee**, Juhyun Oh, Sungwon Lyu, Younghoon Jeong, Inkwon Lee, Sangwoo Seo, Dongjun Lee, Hyunwoo Kim, Myeonghwa Lee, Seongbo Jang, Seungwon Do, Sunkyoung Kim, Kyungtae Lim, Jongwon Lee, Kyumin Park, Jamin Shin, Seonghyun Kim, Lucy Park, Alice Oh, Jung-Woo Ha, Kyunghyun Cho, KLUE: Korean Language Understanding Evaluation, In: arXiv 2021
- [3] Kyubyong Park*, **Joohong Lee***, Seongbo Jang*, Dawoon Jung*, An Empirical Study of Tokenization Strategies for Various Korean NLP Tasks, In: ACL-IJCNLP 2020
- [2] **Joohong Lee**, Sangwoo Seo, Yong Suk Choi, Semantic Relation Classification via Bidirectional LSTM Networks with Entity-aware Attention using Latent Entity Typing, In: Symmetry 2019, 11, 785.
- [1] **Joohong Lee**, Dongyoung Sohn, Yong Suk Choi, A Tool for Spatio-Temporal Analysis of Social Anxiety with Twitter Data, In: ACM/SIGAPP SAC 2019

AWARDS & HONORS

- 1st Place, Intent Classification task of AI Starthon 2019, NIPA & Naver Corp. *Aug. 2019*
- Best Paper Presentation Award, Korea Software Congress 2018 *Feb. 2019*
- 2nd Prize, POSCO Industrial AI Solution Challenge *Sep. 2018*
- CSE Fellowship, Hanyang University *Mar. 2017*
- Student Scholarship Award, Naver Corp. *Dec. 2016*
- Grand Prize, ICT K-Awards: Algorithm Programming Contest *Jul. 2016*
- 20th Place, ACM-ICPC Asia Daejeon Regional *Nov. 2015*

TALKS

- **DEVIEW 2019** [abstract] [video] [slide]

Oct. 2019

- Dialog-BERT: Serving Open-domain conversational AI with 10 billion chat messages

PROGRAMMING SKILLS

- **Languages:** Python, PyTorch, Tensorflow, C/C++, Java
- **Technologies:** Amazon Web Service, Google Cloud Platform, TPU