SOYOUNG YANG

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Github — Google Scholar

RESEARCH INTERESTS

Large language models, information extraction, NLP applications, multi-modality.

EDUCATION

Korea Advanced Institute of Science and Technology   *Daejeon, Korea*
GPA 3.83/4.3 (Present)   *Sep. 2020 - Present*
Master and PhD Integrated Course of Department of Artificial Intelligence
Data and Visual Analysis Lab (DAVIAN)
Advisor: Prof. Jaegul Choo

Korea University (고려대학교)   *Seoul, Korea*
GPA 4.0/4.5   *Mar. 2019 - Aug. 2020 (Quit)*
Master of Department of Korean Language and Literature (Korean Literature In Classical Chinese)
Advisor: Prof. JunChul Lim

Korea University (고려대학교)   *Seoul, Korea*
GPA 4.0/4.5   *Mar. 2015 - Feb. 2019*
Bachelor of Department of Classical Chinese (한문학과)
Bachelor of LB&C (Language, Brain & Computer) [Relation Major]

HONORS

DAVIAN Lab leader   *March. 2024 - Present*

INTERNSHIP

Samsung Advanced Institute of Technology   *Suwon, Korea*
Summer Internship   *July. 2023 - Oct. 2023*

PUBLICATIONS

Single Ground Truth Is Not Enough: Adding Flexibility to Aspect-Based Sentiment Analysis Evaluation
Soyoung Yang, Hojun Cho, Jiyoung Lee, Sohee Yoon, Edward Choi, Jaegul Choo, Won Ik Cho
Annual Conference of the North American Chapter of the Association for Computational Linguistics (NAACL), 2025. Link

Evaluating Span Extraction in Generative Paradigm: A Reflection on Aspect-Based Sentiment Analysis
Soyoung Yang, Won Ik Cho
ArXiv, 2024. Link

HistRED: A Historical Document-Level Relation Extraction Dataset
Soyoung Yang, Minseok Choi, Youngwoo Cho, Jaegul Choo
Proceedings of the 61st Annual Meeting of the Association for Computational Linguistics (ACL), 2023. Link

AniEE: A Dataset of Animal Experimental Literature for Event Extraction
Dohee Kim*, Ra Yoo*, **Soyoung Yang**, Hee Yang, Jaegul Choo
Conference on Empirical Methods in Natural Language Processing (EMNLP) Findings, 2023.

Towards Formality-Aware Neural Machine Translation by Leveraging Context Information
Dohee Kim*, Yujin Baek*, **Soyoung Yang**, Jaegul Choo
Conference on Empirical Methods in Natural Language Processing (EMNLP) Findings, Short Paper, 2023.

Guiding Users to Where to Give Color Hints for Efficient Interactive Sketch Colorization via Unsupervised Region Prioritization
Youngin Cho*, Junsoo Lee*, **Soyoung Yang**, Juntae Kim, Yeojeong Park, Haneol Lee, Mohammad Azam Khan, Daesik Kim, Jaegul Choo
Winter Conference on Applications of Computer Vision (WACV), 2023.

CG-NeRF: Conditional Generative Neural Radiance Fields for 3D-aware Image Synthesis
Kyungmin Jo*, GyuMin Shim*, Sanghun Jung, **Soyoung Yang**, Jaegul Choo
Winter Conference on Applications of Computer Vision (WACV), 2023.

Unsupervised Neural Machine Translation for Low-Resource Domains via Meta-Learning
Cheonbok Park*, Yunwon Tae*, TaeHee Kim, **Soyoung Yang**, Mohammad Azam Khan, Lucy Park, Jaegul Choo
Joint Conference of the Annual Meeting of the Association for Computational Linguistics and the International Joint Conference on Natural Language Processing (ACL-IJCNLP), 2021.

VATUN: Visual Analytics for Testing and Understanding Convolutional Neural Networks
Cheonbok Park*, **Soyoung Yang***, Inyoup Na*, Sunghyo Chung, Sungbok Shin, Bum Chul Kwon, Deokgun Park, Jaegul Choo
EG/VGTC Conference on Visualization (EuroVis), Short Paper, 2021.

Restoring and Mining the Records of the Joseon Dynasty via Neural Language Modeling and Machine Translation
Kyeongpil Kang, Kyohoon Jin, **Soyoung Yang**, Sujin Jang, Jaegul Choo, Youngbin Kim
Annual Conference of the North American Chapter of the Association for Computational Linguistics (NAACL), 2021.

AILA: Attentive interactive labeling assistant for document classification through attention-based deep neural networks
Minsuk Choi, Cheonbok Park, **Soyoung Yang**, Yonggyu Kim, Jaegul Choo, Sungsoo Ray Hong
ACM CHI Conference on Human Factors in Computing Systems (CHI), 2019.

AWARDS

Semester High Honors, Korea University *2015 Fall, 2016 Spring, 2016 Fall, 2017 Fall, 2018 Fall*