

SOYOUNG YANG

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Github — Google Scholar

RESEARCH INTERESTS

Information Extraction (IE), Natural language processing (NLP), Applications, Multimodality.

EDUCATION

Korea Advanced Institute of Science and Technology

GPA 3.83/4.3 (Present)

Master and PhD Integrated Course of Department of Artificial Intelligence

Data and Visual Analysis Lab (DAVIAN)

Advisor: Prof. Jaegul Choo

Daejeon, Korea

Sep. 2020 - Present

Korea University

GPA 4.0/4.5

Master of Department of Korean Language and Literature (Korean Literature In Classical Chinese)

Advisor: Prof. JunChul Lim

Seoul, Korea

Mar. 2019 - Aug. 2020 (Quit)

Korea University

GPA 4.0/4.5

Bachelor of Department of Classical Chinese

Bachelor of LB&C (Language, Brain & Computer) [Relation Major]

Seoul, Korea

Mar. 2015 - Feb. 2019

HONORS

DAVIAN Lab leader

March. 2024 - Present

INTERNSHIP

Samsung Advanced Institute of Technology

Summer Internship

Suwon, Korea

July. 2023 - Oct. 2023

PUBLICATIONS

Evaluating Span Extraction in Generative Paradigm: A Reflection on Aspect-Based Sentiment Analysis

Soyoung Yang, Won Ik Cho

ArXiv, 2024.

HistRED: A Historical Document-Level Relation Extraction Dataset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.

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*