Minseok **Choi**

GRADUATE STUDENT, KIM JAECHUL GRADUATE SCHOOL OF ARTIFICIAL INTELLIGENCE, KAIST

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Education

Kim Jaechul Graduate School of Artificial Intelligence, KAIST *Daejeon, South Korea*
INTEGRATED M.S. AND PH.D. IN ARTIFICIAL INTELLIGENCE *Mar. 2020 - Feb. 2025*
• GPA: 4.10/4.3, Advisor: Dr. Jaegul Choo

University of Illinois at Urbana-Champaign *Urbana, IL*
B.S. IN COMPUTER SCIENCE *Aug. 2017 - May. 2019*
• GPA: 3.78/4.0, Dean's List: Fall 2017 - Spring 2019
• Active Member of ACM and Tau Sigma National Honor Society

Illinois Institute of Technology *Chicago, IL*
B.S. IN COMPUTER SCIENCE *Aug. 2015 - May. 2017*
• GPA: 3.89/4.0, Dean's List: Fall 2015 - Spring 2017
• Received International Undergraduate Student Merit Scholarship

Experience

NAVER WEBTOON Corp. *Seongnam, South Korea*
RESEARCH INTERN *Jan. 2022 - Jul. 2022*
• Conduct research on keyphrase prediction task and write a paper that reports my findings
• Discuss research ideas and topics related to natural language processing that assist in making a novel paper
• Survey and share trending papers in AI and stay up to date in the field of machine learning
• Report intermediate results on a weekly basis and receive feedback for potential improvement
• Present and be presented to state-of-the-art papers in computer vision, natural language processing, and machine learning

Data and Visual Analytics Lab (Dr. Jaegul Choo) *Seongnam, South Korea*
GRADUATE RESEARCH ASSISTANT *Mar. 2020 - Present*
• Experiment novel approaches and contribute meaningful findings in the field of deep learning
• Participate in corporate/government projects related to designing and implementing deep learning algorithms
• Partake in the peer review process of unpublished papers and develop a critical eye for writing good papers
• Draft research proposals for receiving funds on starting projects
• Present and be presented to state-of-the-art papers and analyze their methodologies and results for potential development of future work

Publications

CONFERENCES

C5 **Minseok Choi**, Chaeheon Gwak, Seho Kim, Si Hyeong Kim, and Jaegul Choo. "SimCKP: Contrastive Learning of Keyphrase Representations," Conference on Empirical Methods in Natural Language Processing (**EMNLP'23**), Findings of EMNLP, 2023.

C4 **Minseok Choi**, Hyesu Lim, and Jaegul Choo. "PRiSM: Enhancing Low-Resource Document-Level Relation Extraction with Relation-Aware Score Calibration," International Joint Conference on Natural Language Processing and the Conference of the Asia-Pacific Chapter of the Association for Computational Linguistics (**IJCNLP-AACL'23**), Findings of IJCNLP-AACL, Short Paper, 2023.

C3 Soyoung Yang, **Minseok Choi**, Youngwoo Cho, and Jaegul Choo. "HistRED: A Historical Document-level Relation Extraction Dataset," Annual Meeting of the Association for Computational Linguistics (**ACL'23**), 2023.

C2 Hojun Cho, Dohee Kim, Seungwoo Ryu, ChaeHun Park, Hyungjong Noh, Jeong-in Hwang, **Minseok Choi**, Edward Choi, and Jaegul Choo. "Rethinking Style Transformer by Energy-based Interpretation: Adversarial Unsupervised Style Transfer using Pretrained Model," Conference on Empirical Methods in Natural Language Processing (**EMNLP'22**), 2022.

C1 Byungkun Lee,* Hojoon Lee,* Hyunseung Kim, **Minseok Choi**, Sungju Hwang, Edward Choi, and Jaegul Choo (*: equal contributions). "Towards Risk-Minimized and Fairness-Maximized Human-in-the-Loop Evaluation in College Admissions," *Preprint*.

Extracurricular Activity

Seoul City Machine Learning Boot Camp *Seoul, South Korea*
Mentor *Jun. 2022 - Jul. 2022*
• Aided students on reproducing a research paper in code-level.

Minds & Company *Seoul, South Korea*
Mentor *Sep. 2021 - Dec. 2021*
• Gave lectures on machine learning and deep learning basics to startup companies and university graduates.
• Mentored and guided machine learning beginners one-on-one to help them solve Kaggle problems.