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 - Jun. 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- Partake in the peer review process of unpublished papers and develop a critical eye for writing good papers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

C8 **Minseok Choi**, Kyunghyun Min, and Jaegul Choo. "Cross-Lingual Unlearning of Selective Knowledge in Multilingual Language Models," Preprint, 2024.

C7 **Minseok Choi**, Daniel Rim, Dohyun Lee, and Jaegul Choo. "SNAP: Unlearning Selective Knowledge in Large Language Models with Negative Instructions," Preprint, 2024.

C6 ChaeHun Park, **Minseok Choi**, Dohyun Lee, and Jaegul Choo. "PairEval: Open-domain Dialogue Evaluation with Pairwise Comparison," Conference on Language Modeling (**COLM'24**), 2024.

C5 Dohyun Lee,* Daniel Rim,* **Minseok Choi**, and Jaegul Choo. "Protecting Privacy Through Approximating Optimal Parameters for Sequence Unlearning in Language Models," Annual Meeting of the Association for Computational Linguistics (**ACL'24**), Findings of ACL, 2024.

C4 **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.

C3 **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, 2023.

C2 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.

C1 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.

Extracurricular Activity

SK Advanced Practitioner - NLP   *Seoul, South Korea*

Examiner   *Jan. 2024 - Jul. 2024*

• Designed advanced-level NLP exams for machine learning practitioners in SK Corp.

Seoul City Machine Learning Boot Camp   *Seoul, South Korea*

Mentor   *Jun. 2022 - Jul. 2022*

• Aided students in reproducing machine learning models from research papers.

YearDream Boot Camp   *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.