

Minseok Choi

GRADUATE STUDENT, KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY (KAIST)

136 Jeongjail-ro Apt #301-609, Bundang-gu, Seongnam-si, Gyeonggi-do, 13637, South Korea

☎ (+82) 10-7942-9291 | ✉ minseok.choi@kaist.ac.kr | 🏠 brightjade.github.io | 💻 brightjade | 🐦 @minseok_choi

Education

Korea Advanced Institute of Science and Technology (KAIST)

INTEGRATED M.S. AND PH.D. IN ARTIFICIAL INTELLIGENCE

- GPA: 4.10/4.3, Supervisor: Jaegul Choo

Daejeon, South Korea

Mar. 2020 - Feb. 2026

University of Illinois at Urbana-Champaign

B.S. IN COMPUTER SCIENCE

- GPA: 3.78/4.0, Dean's List: Fall 2017 - Spring 2019
- Active Member of ACM and Tau Sigma National Honor Society

Urbana, IL

Aug. 2017 - May. 2019

Illinois Institute of Technology

B.S. IN COMPUTER SCIENCE

- GPA: 3.89/4.0, Dean's List: Fall 2015 - Spring 2017
- Received International Undergraduate Student Merit Scholarship

Chicago, IL

Aug. 2015 - May. 2017

Skills & Interests

Programming

Python, HTML/CSS/JavaScript, SQL, Java, C, MATLAB

Frameworks

PyTorch, PyTorch Lightning, Hugging Face Transformers, LangChain, vLLM, React (Web), React Native (Mobile)

Languages

Bilingual in English (2008-2019 in US) and Korean (native)

Research Focus

Large Language Models (LLMs), Privacy & Safety, Information Extraction

Experience

Republic of Korea Army

TECHNICAL RESEARCH PERSONNEL

Seongnam, South Korea

Mar. 2023 - Present

NAVER Webtoon

RESEARCH INTERN (SUPERVISOR: DAESIK KIM)

Seongnam, South Korea

Jan. 2022 - Jun. 2022

KAIST AI, Data and Visual Analytics Lab (DAVIAN)

GRADUATE RESEARCH ASSISTANT (SUPERVISOR: JAEGUL CHOO)

Seongnam, South Korea

Mar. 2020 - Present

Illinois Institute of Technology, Data-Intensive Distributed Systems Lab (DataSys)

UNDERGRADUATE RESEARCH INTERN (SUPERVISOR: IOAN RAICU)

Chicago, IL

Jun. 2017 - Aug. 2017

Publications

PREPRINTS

- P2** **Minseok Choi**, ChaeHun Park, Dohyun Lee, and Jaegul Choo. "Breaking Chains: Unraveling the Links in Multi-Hop Knowledge Unlearning," Preprint, 2024.
- P1** **Minseok Choi**, Daniel Rim, Dohyun Lee, and Jaegul Choo. "Opt-Out: Investigating Entity-Level Unlearning for Large Language Models via Optimal Transport," Preprint, 2024.

PEER-REVIEWED CONFERENCE/JOURNAL PAPERS

- C7** **Minseok Choi**, Kyunghyun Min, and Jaegul Choo. "Cross-Lingual Unlearning of Selective Knowledge in Multilingual Language Models," Preprint, Conference on Empirical Methods in Natural Language Processing (**EMNLP'24**), Findings of EMNLP, 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-AAACL'23**), Findings of IJCNLP-AAACL, 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.

J1

Minseok Choi, Jaegul Choo, and Minsu Ha. "Development and Application of Web-based Machine Learning Program for Automated Assessment Model Generation," Brain, Digital, & Learning, Vol. 12, No. 4, pp. 567-578, 2022.

Extracurricular Activity

<div>SK Advanced Practitioner Exam for NLP</div> <div>EXAMINER</div>	<div>Seoul, South Korea</div> <div>Mar. 2024 - Sep. 2024</div>
<div>SK AI Data Academy for NLP</div> <div>TEACHING ASSISTANT</div>	<div>Seoul, South Korea</div> <div>Jan. 2023 - Mar. 2023</div>
<div>Seoul Machine Learning Boot Camp</div> <div>TEACHING ASSISTANT</div> <div> <ul style="list-style-type: none"> Funded by the Seoul Metropolitan City. </div>	<div>Seoul, South Korea</div> <div>Jun. 2022 - Jul. 2022</div>
<div>Startup AI Boot Camp (YearDream)</div> <div>TEACHING ASSISTANT</div> <div> <ul style="list-style-type: none"> Funded by the Korea's Ministry of SMEs and Startups. </div>	<div>Seoul, South Korea</div> <div>Sep.-Dec. 2021 & Apr.-May. 2024</div>

Scientific Community Service

2023-2024	Reviewer , Annual Meeting of the Association for Computational Linguistics (ACL)
2023-2024	Reviewer , Conference on Empirical Methods in Natural Language Processing (EMNLP)
2023-2024	Reviewer , Annual Conference of the North American Chapter of the Association for Computational Linguistics (NAACL)
2024	Reviewer , International Conference on Computational Linguistics (COLING)