

# Doyoung Kim

[doyoungkim@kaist.ac.kr](mailto:doyoungkim@kaist.ac.kr) • [doyoung9803@gmail.com](mailto:doyoung9803@gmail.com)



## EDUCATION

### GRADUATE SCHOOL OF AI(GSAI, KAIST)

Master's degree in NLP, AI

Feb `2023 –

### KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY (KAIST)

Bachelor of Mathematics, Double Major in Computer Science

Feb `2017 – Aug `2022

## JOB EXPERIENCE

### KAIST LK LAB INTERNSHIP

AI Research Intern

March `2022 – Feb `2023

## PUBLICATION(\* DENOTES EQUAL CONTRIBUTION)

### COGNITIVE MAP FOR LANGUAGE MODELS: OPTIMAL PLANNING VIA VERBAL REPRESENTATION OF WORLD MODEL

D Kim, J Lee, J Park, M Seo

2024

### SELF-EXPLORE TO AVOID THE PIT: IMPROVING THE REASONING CAPABILITIES OF LANGUAGE MODELS WITH FINE-GRAINED REWARDS

H Hwang, D Kim, S Kim, S Ye, M Seo

2024

### SEMIPARAMETRIC TOKEN-SEQUENCE CO-SUPERVISION

H Lee\*, D Kim\*, J Jun, S Joo, J Jang, KW On, M Seo

ACL, 2024

2024

### HOW WELL DO LARGE LANGUAGE MODELS TRULY GROUND?

H Lee, S Joo, C Kim, J Jang, D Kim, KW On, M Seo

NAACL, 2024

2023

### FLASK: FINE-GRAINED LANGUAGE MODEL EVALUATION BASED ON ALIGNMENT SKILL SETS

S Ye\*, D Kim\*, S Kim, H Hwang, S Kim, Y Jo, J Thorne, J Kim, M Seo

ICLR(SPOTLIGHT), 2024

2023

### THE CoT COLLECTION: IMPROVING ZERO-SHOT AND FEW-SHOT LEARNING OF LANGUAGE MODELS VIA CHAIN-OF-THOUGHT FINE-TUNING

S Kim, SJ Joo, D Kim, J Jang, S Ye, J Shin, M Seo

EMNLP, 2024

2023

### EXPLORING THE BENEFITS OF TRAINING EXPERT LANGUAGE MODELS OVER INSTRUCTION TUNING

J Jang, S Kim, S Ye, D Kim, L Logeswaran, M Lee, K Lee, M Seo

ICML, 2023

2023

### GUESS THE INSTRUCTION! MAKING LANGUAGE MODELS STRONGER ZERO-SHOT LEARNERS

S Ye, D Kim, J Jang, J Shin, M Seo

ICLR, 2023

2022

### EFFICIENTLY ENHANCING ZERO-SHOT PERFORMANCE OF INSTRUCTION FOLLOWING MODEL VIA RETRIEVAL OF SOFT PROMPT

S Ye, J Jang, D Kim, Y Jo, M Seo

EMNLP(FINDINGS), 2023

2022

## PROJECT EXPERIENCE(\* DENOTES EQUAL CONTRIBUTION)

### SELFEE: ITERATIVE SELF-REVISING LLM EMPOWERED BY SELF-FEEDBACK GENERATION

S Ye\*, Y Jo\*, D Kim\*, S Kim, H Hwang, M Seo

2023