

MINJU KIM

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RESEARCH INTERESTS

- Conversational AI
- Synthetic Data Generation

EDUCATION

Yonsei University, Seoul, Republic of Korea

March 2021 - Present

M.S./Ph.D. Student, Department of Artificial Intelligence

Advised by Prof. Jinyoung Yeo

Sejong University, Seoul, Republic of Korea

March 2017 - Feb 2021

B.S., Double major in Department of Software & Department of Data Science

GPA: 4.05/4.5 (Magna Cum Laude)

WORK EXPERIENCE

Applied Scientist Intern, Amazon, Sunnyvale, CA

June 2024 - Sep 2024

Project: Improving Olympus Q Model Performance with Synthetic Data

Mentor: Rohan Mukherjee, Ching-Yun Chang

Applied Scientist Intern, Amazon, Boston, MA

June 2023 - Sep 2023

Project: Data Augmentation for Task-Oriented Dialogue System

Mentor: Shubham Garg

PUBLICATIONS

(* denotes equal contribution)

Do LLMs Have Distinct and Consistent Personality? TRAIT: Personality Testset designed for LLMs with Psychometrics

Seungbeen Lee, Seungwon Lim, Seungju Han, Giyeong Oh, Hyungjoo Chae, Jiwan Chung, **Minju Kim**, Beong-woo Kwak, Yeonsoo Lee, Dongha Lee, Jinyoung Yeo, Youngjae Yu

In: *arXiv Preprint*. 2024.

Cactus: Towards Psychological Counseling Conversations using Cognitive Behavioral Theory

Suyeon Lee*, Sunghwan Kim*, **Minju Kim***, Dongjin Kang, Dongil Yang, Harim Kim, Minseok Kang, Dayi Jung, Min Hee Kim, Seungbeen Lee, Kyoung-Mee Chung, Youngjae Yu, Dongha Lee, Jinyoung Yeo

In: *EMNLP Findings (long)*. 2024.

Pearl: A Review-driven Persona-Knowledge Grounded Conversational Recommendation Dataset

Minjin Kim*, **Minju Kim***, Hana Kim, Beong-woo Kwak, Soyeon Chun, Hyunseo Kim, SeongKu Kang, Youngjae Yu, Jinyoung Yeo, Dongha Lee

In: *ACL Findings (long)*. 2024.

BotsTalk: Machine-Sourced Framework for Automatic Curation of Large-scale Multi-skill Dialogue Datasets

Minju Kim*, Chae Hyeong Kim*, Yongho Song*, Seung-won Hwang, Jinyoung Yeo

In: *Proceedings of EMNLP (long)*. 2022.

Dual Task Framework for Improving Persona-grounded Dialogue Dataset

Minju Kim*, Beong-woo Kwak*, Youngwook Kim, Hong-in Lee, Seung-won Hwang, Jinyoung Yeo

In: *Proceedings of AAAI (oral)*. 2022.

Detecting Incongruent News Headlines with Auxiliary Textual Information

Joonwon Jang, Yoonsik Cho, **Minju Kim**, Misuk Kim

Expert Systems with Applications. 2022.

TEACHING & ADVISING

Teaching Assistant for Big Data (Prof. Jinyoung Yeo) Yonsei University, Seoul, Republic of Korea	<i>Mar 2022 - Present</i>
Teaching Assistant for Software Capstone Design (Prof. Jinyoung Yeo) Yonsei University, Seoul, Republic of Korea	<i>Sep 2022 - Dec 2022</i>
Teaching Assistant for Text and Language Understanding (Prof. Jinyoung Yeo) Yonsei University, Seoul, Republic of Korea	<i>Mar 2021 - June 2021</i>
Teaching Assistant for Software Capstone Design (Prof. Jinyoung Yeo) Yonsei University, Seoul, Republic of Korea	<i>Sep 2021 - Dec 2021</i>
Python Programming Instructor Heaseong Girls' High School, Seoul, Republic of Korea Teaching python on a week basis	<i>Mar 2018 - Dec 2018</i>

HONORS & SCHOLARSHIPS

Student Teaching Assistant Scholarship Department of Artificial Intelligence	<i>Yonsei University</i>
Academic Excellence Scholarship Department of Software	<i>Sejong University</i>
Academic Studies Enhancement Scholarship College of Software Convergence	<i>Sejong University</i>
Gold Prize AI Hackathon, Winter 2020	<i>Sejong University</i>
Gold Prize AI Hackathon, Summer 2020	<i>Sejong University</i>
Silver Prize AI Hackathon, Winter 2019	<i>Sejong University</i>
4th Prize Programming Competition, 2017	<i>Sejong University</i>

PROFESSIONAL SERVICE

- AAAI 2023 Reviewer
- EMNLP 2023 Reviewer

SKILLS

Technical

- **Programming Languages:** Python, C, C++, C#, Java
- **Software & Tools:**
 - Data Mining:** Numpy, Pandas, Scikit-Learn
 - Machine Learning:** Pytorch, Tensorflow, Keras
 - Others:** BeautifulSoup, Selenium, Git & Github, MySQL, MongoDB, Flask
- Language**
- **Korean:** Native
- **English:** TOEIC 955