





Yejin Yoon

@ stillwithyou@hanyang.ac.kr |  LinkedIn |  GitHub |  Google Scholar |  Website |  Seoul, South Korea

EDUCATION

Hanyang University

Ph.D. Candidate in Computer Science

Seoul, South Korea

Aug 2024 – Present

Hanyang University

M.S. in Artificial Intelligence

Seoul, South Korea

Sep 2022 – Aug 2024

- Thesis: Enhanced Multi-Intent Detection with Blended Datasets.

Sookmyung Women's University

B.A. in Economics & B.S. in Statistics

Seoul, South Korea

Mar 2014 – Feb 2020

RESEARCH INTERESTS

Dialogue systems, conversational AI, memory system, preference modeling, tool calling.

EXPERIENCE

KT

Researcher (Internship)

Seoul, South Korea

Jul 2023 – Aug 2023

- KT AI2XL Research Lab; Large AI application P-TF emotional dialogue system project.

Saltlux

Researcher (Full-time)

Seoul, South Korea

Mar 2020 – Aug 2022

- AI Labs advanced research team.

PUBLICATIONS

* Co-first author; † Corresponding author.

Under Review

Latent Preference Reasoning for Multi-Session Personalized Tool-Calling

2026

Yejin Yoon, Minseo Kim, Taeuk Kim[†]

International Conferences

Beyond Task-Oriented and Chitchat Dialogues: Proactive and Transition-Aware Conversational Agents

EMNLP 2025

Yejin Yoon, Yuri Son, Namyoung So, Minseo Kim, Minsoo Cho, Chanhee Park, Seungshin Lee, Taeuk Kim[†]

Nov 2025

BlendX: Complex Multi-Intent Detection with Blended Patterns

LREC-COLING 2024

Yejin Yoon, Jungyeon Lee, Kangsan Kim, Chanhee Park, Taeuk Kim[†]

May 2024

Domestic Conferences

Multi-Intent Detection for Korean Spoken Language (Outstanding Paper Award)

KCC 2024

Yejin Yoon, Jisoo Kim*, Jungmin Lim, Jungyeon Lee, Taeuk Kim[†]*

Jun 2024

A Multi-Intent Dataset Enhanced with Implicit Concatenation

KCC 2024

Sungmin So, Minji Woo*, Yejin Yoon, Jungyeon Lee, Taeuk Kim[†]*

Jun 2024

Enhanced Prompting for Multi-Label Classification

KCC 2024

Jungyeon Lee, Youngwoo Shin, Yejin Yoon, Taeuk Kim[†]

Jun 2024

KoLegal-BERT: Legal Language Representation Model for Legal Domain Text Mining

KCC 2022

Sangmin Park, Yejin Yoon*, Jaeyun Lee, Jaieun Kim[†]*

Jul 2022

PATENTS

Method and Apparatus for Training Preference-Based Transition-Aware Conversational Models <i>Filed Nov 2025</i>	KR 10-2025-0163766
Method and Apparatus for Generating and Validating Transition-Aware Dialogue Datasets <i>Filed Nov 2025</i>	KR 10-2025-0163754
METHOD AND APPARATUS FOR GENERATING MULTI-INTENT UTTERANCE DATASETS <i>Filed Dec 2024</i>	US 8/972132
用于生成多意图集的方法和置 <i>Filed Dec 2024</i>	CN 202411789815.2
Utterance Merging Technique Combining Rule-Based Methods and Generative AI for Multi-Intent Expansion <i>Filed Jun 2024</i>	KR 10-2024-0072241
Dialogue Method Using Multiple Personas, Dialogue Apparatus, and Training Method for Persona Classification Models <i>Filed Feb 2024</i>	KR 10-2024-0016697

AWARDS AND HONORS

Seoul Tech Scholarship <i>Nov 2025</i>	Seoul Scholarship Foundation
Excellence Scholarship for Doctoral Students <i>Sep 2024</i>	Hanyang University
KCC 2024 Outstanding Paper Award <i>Jun 2024</i>	Korean Institute of Information Scientists and Engineers
Outstanding Achievement Award (Graduation Excellence) <i>Feb 2020</i>	Sookmyung Women's University

PROJECTS

Conversational Agents with Hyper Long-Term Memory <i>Project Lead</i>	National Research Foundation of Korea <i>Mar 2025 – Feb 2028</i>
Multi-Intent Modeling for Advanced Speech Recognition <i>Project Lead</i>	Hyundai Motor Company <i>Aug 2024 – Feb 2026</i>
Natural Language-Based Compound Intent Algorithms <i>Project Lead</i>	Hyundai Motor Group (NGV) <i>Apr 2023 – Apr 2024</i>

TEACHING

Teaching Assistant

Natural Language Processing <i>Instructor: Taeuk Kim</i>	Hanyang University <i>Sep 2023</i>
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Guest Speaker

CS Graduate Program Info Session <i>Topic: Graduate school life and research advice</i>	Hanyang University <i>Fall 2025</i>
Graduate School of Artificial Intelligence Convergence Info Session <i>Topic: Industry-academia projects, dialogue systems</i>	Hanyang University <i>Mar 2024</i>
Natural Language Processing <i>Topic: Recent task-oriented dialogue (TOD) system research</i>	Hanyang University <i>Dec 2023</i>

Student Mentoring

CAPSTONE SOFTWARE PROJECT 2

Hanyang University
Mar 2024 – Aug 2024

CAPSTONE SOFTWARE PROJECT 1

Hanyang University
Sep 2023 – Feb 2024

ACADEMIC SERVICES

Reviewer

IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI)

2026 – Present

TALKS

Invited Talks

Practical Strategies for Overcoming the Limits of LLM Dialogue Capacity
Seoul, South Korea

SKT
Apr 2024

Contributed Talks

BlendX: Complex Multi-Intent Detection with Blended Patterns
Tokyo, Japan

GITW 2023 Workshop
Dec 2023

SKILLS

Languages: Python
ML / DL / NLP: PyTorch, Hugging Face (Transformers, Datasets), scikit-learn
LLM Systems & Serving: vLLM, PEFT/TRL, DPO, FastAPI, Gradio
Research Tools: Git, LaTeX

LANGUAGE PROFICIENCY

English: Working Proficiency
Korean: Native