

Woojung Song

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EDUCATION

Hanyang University, Seoul, South Korea
BIS. Department of Information System

Enrolled: Mar 2022 — Expected: Aug 2025
Overall GPA: 4.37 — Major GPA 4.36

PAPERS

Value Portrait: Understanding Values of LLMs with Human-aligned Benchmark

Proceedings of the 63rd Annual Meeting of the Association for Computational Linguistics 2025

Jongwook Han*, Dongmin Choi*, Woojung Song*, Eun-Ju Lee, Yohan Jo†

*Co-first authors; †Corresponding author

Interpretable Prediction of Private Brand Purchases by Pet Type in E-Commerce for Consumer Behavior Analysis Using Real-World Transaction Data

PeerJ Computer Science (Under Review) 2025

Woojung Song, Jina Kim, Jaehyuk Lee, Eunchan Kim

Psychometric Item Validation Using Virtual Respondents with Trait-Response Mediators

Transactions of the Association for Computational Linguistics (TACL) (Under Review) 2025

Sungjib Lim, Woojung Song, Eunju Lee, Yohan Jo

RESEARCH EXPERIENCE

Seoul National University, HOLI Lab

Seoul, South Korea

Undergraduate Research Assistant

Jul 2024 - Present

- Researching value alignment in Large Language Models (LLMs)
- Developing simulation frameworks using LLMs to model complex human behaviors and interactions

WORK EXPERIENCE

LG Electronics, Cognitive Voice/Vision Intelligence Lab

Seoul, South Korea

Intern

Mar 2024 - Jun 2024

- Enhanced LLM-based Web Question Answering using RAG and multi-agent approaches
- Developed WAAG, an automated QA evaluation system with 40% accuracy improvement
- Achieved highest level in LG SW Competency Certification Test

CNC Study, DataLingo Team

Seoul, South Korea

Project Manager

Jul 2022 - Present

- Develop English questions and performance analysis for middle school students
- Implement Chain-of-Thought prompting and multi-agent LLM systems for question generation

US 8th Army, Korean Augmentation To the United States Army

Pyeongtaek, South Korea

Sergeant (Senior KATUSA)

May 2020 - Nov 2021

- Served in US 8th Army as part of the mandatory military service program
- Received Certificate of Appreciation for exceptional service

PATENTS

English problem creation system using multi-agents

App. No: 10-2024-0109541

Filed: August 16, 2024

- AI system for automated creation of English exam questions
- Aims to generate high-quality content and reduce educator workload

AWARDS

3rd Place (Chuncheon Mayor's Award)

Chuncheon, South Korea

Chuncheon Generative AI Competition

Jun 2025

- Developed "Blue-Ming" Chuncheon City Youth Entrepreneurship AI Consulting Platform

3rd Place, App and Service Development

Busan, South Korea

Busan Metropolitan City Mayor

2024

- Developed "Korail Donghae" application integrating Language Models with custom tools and RAG
- Also won 1st place from Korea Railroad Corporation Busan-Gyeongnam Headquarters in DIVE competition

2nd Place, IC-PBL Contest

LG Electronics

Seoul, South Korea

Dec 2023

- Created "LG COVER" smart home hub project integrating Matter and non-Matter devices

1st Place, GDSC x Alphaco Hackathon

Google Developer Student Clubs

Seoul, South Korea

Dec 2023

- Developed "Nallang Mallang" mobile app for dementia and depression prevention

Certificate of Appreciation

US 8th Army Korean Augmentation To the United States Army

South Korea

Nov 2021

- Recognized for exceptional service and contributions to the KATUSA program

DOMESTIC PAPERS

Enhancing the Security of AI Models through Parameter Encryption

KCC 2025

2025

Dongwook Kim, Woojung Song

B. F. Sword: Blank Inference System with Optimized RAG and Knowledge Distillation

Proceedings of HCI Korea 2025

2025

Junseong Pyo, Hyejin Bae, Kitae Kwon, Jina Kim, Woojung Song, Yeonseong Shin

SKILLS & COMPETENCIES

- **Programming:** Python, C/C++
- **Relevant Coursework:** Data Structures, Databases, Computer Architecture, OS, Algorithms, Networks, Software Engineering, Machine Learning, Prompt Engineering, Deep Learning, Information Security
- **Language:** Korean (native), English (fluent)

EXTRA-CURRICULAR ACTIVITIES

FORIF (Hanyang Programming Club)

Seoul, South Korea

Member (2022 - 2025), Vice President (2023)

- Organized club events, including HPEC, doubling club membership
- Managed HPEC & HSPEC algorithm competition as Project Manager