

Yunwoo Lee

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[Website](#)

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EDUCATION

University of Washington

Master of Science in Computational Linguistics

Seattle, WA

Sep. 2025 – Present

Hankuk University of Foreign Studies, HUFS

Bachelor of Arts in Linguistics & Cognitive Science

Seoul, South Korea

Mar. 2018 – Feb. 2024

Bachelor of Language Science in Artificial Intelligence (Double Major)

Advisor: Jeusun Nam

RESEARCH EXPERIENCE

LT4CPR, UW

Research Assistant, Supervisor: Prof. Fei Xia

Seattle, WA

Jun. 2026 – Present

- Evaluating LLM-generated situation reports (SITREPs) for crisis response through faithfulness, information coverage, and structured content alignment analysis
- Developing section-level and bullet-level evaluation pipelines using ROUGE, BERTScore, and bipartite matching to compare system outputs against reference reports

DICORA Computational Linguistics Lab, HUFS

Undergraduate Research Intern, Supervisor: Prof. Jeusun Nam

Seongnam, South Korea

Jan. 2022 – Sep. 2022

- Contributed to two research projects (1) constructing datasets for sentiment analysis of stock-market articles, and (2) generating NLU datasets for training a big-data-driven chatbot model

INDUSTRY EXPERIENCE

Korea Electronics Technology Institute (KETI)

Researcher, Language Team - AIRC (Artificial Intelligence Research Center)

Seongnam, South Korea

Sep. 2024 – Jun. 2025

- Developed trustworthiness benchmarks for Korean LLMs (hallucination, reliability, sociocultural bias) through prompt design, rubrics, and failure-mode analysis
- Validated a Korean multimodal dialogue dataset by aligning utterance-level pragmatic functions with nonverbal cue labels to improve human–AI interaction robustness

NCSoft

Language AI Researcher, Language Data Team

Seongnam, South Korea

Mar. 2024 – Sep. 2024

- Led AI Red Team initiatives, creating robust testing protocols and diverse conversational datasets to identify and mitigate ethical and safety risks in language models
- Categorized language model vulnerabilities into single-turn versus multi-turn threats by identifying discourse-level risks, including anaphoric references that are undetectable within a single turn

SK TELECOM

Linguistic Data Analyst, AI Technology Unit

Seoul, South Korea

Feb. 2023 – Jun. 2023

- Led human-centric annotation to ensure sociolinguistic coverage (honorific levels, informal slang, code-mixing) in conversational training data
- Created a linguistically grounded ambiguity taxonomy and applied it to normalize Korean queries and improve chatbot robustness

AWARDS AND HONORS

UW CLMS Scholarship (\$14,500)	2025
HUFS Departmental Scholarship	2021, 2023
Outstanding Undergraduate Thesis Award	2022
Best Composition Award	2018
Student Leadership Scholarship	2018
National Merit Scholarship	2018

PROJECT EXPERIENCE

Relational Grounding Failures in Zero-Shot English-to-Chinese Dialogue Summarization

LING 573 Project, University of Washington

Mar. 2026 – Jun. 2026

- Co-developed a linguistically grounded dialogue-semantic error taxonomy to evaluate source-faithfulness in cross-lingual dialogue summarization
- Diagnosed relational hallucinations in small language models through errors in speaker-role attribution, event structure, modality, and discourse outcomes

Linguistic Pattern Analysis for Financial Sentiment: Attribute-Verb Relationships in Stock Market Articles

HUFS Linguistics Graduation Thesis Project

Sep. 2022 – Dec. 2022

- Modeled semantic constraints between attribute nouns (e.g., interest rates, costs) and directional predicates (rise/fall) to capture context-dependent polarity shifts in financial discourse
- Recognized with the Outstanding Undergraduate Thesis Award

LANGUAGES AND TECHNICAL SKILLS

Programming	Python, R, C++, SQL, Java
ML/NLP	PyTorch, NLTK
Tools	Git, Linux/CLI
Typesetting	L ^A T _E X
Languages	Korean (native), English (fluent)