

# Yunwoo Lee

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[LinkedIn](#)

## 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

*Bachelor of Language Science in Artificial Intelligence (Double Major)*

Mar. 2018 - Feb. 2024

Advisor: Jeesun Nam

## PROFESSIONAL AND RESEARCH EXPERIENCE

### Korea Electronics Technology Institute (KETI)

Seongnam, South Korea

Researcher, Language Team - AIRC (Artificial Intelligence Research Center) Sep. 2024 - Jun. 2025

- Developed trustworthiness benchmarks for Korean LLMs (hallucination/groundedness, reliability, socio-cultural bias) through prompt design, rubrics, and failure-mode analysis
- Validated datasets for generating nonverbal cues from Korean utterances to improve robustness in human–AI dialogue

### 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
- Designed and validated test cases for evaluating AI system responses to problematic user inputs, ensuring appropriate de-escalation strategies

### SK TELECOM

*Linguistic Annotator, AI Technology Unit*

Seoul, South Korea

Feb. 2023 - Jun. 2023

- Developed “Haru,” a persona-based chatbot that achieved top user entrance rates by implementing preprocessing pipelines for handling informal language and ambiguous queries
- Led human-centric data annotation for machine learning models, ensuring diverse linguistic coverage and improving overall model performance and user satisfaction

### DICORA Computational Linguistics Lab, HUFS

Seongnam, South Korea

*Undergraduate Research Intern under Prof. Jeesun Nam*

Jan. 2022 - Sep. 2022

- Participated in two research projects (1) a corpus study focused on constructing language data for sentiment analysis and learning of stock articles, (2) a corpus study to generate chatbot NLU language data for a Big Data based AI model learning

## 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 Grant**

2018

## PERSONAL PROJECT EXPERIENCE

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### Linguistic Pattern Analysis for Financial Sentiment: Attribute-Vern Relationship in Stock Market Articles

HUFS Linguistics Graduation Thesis Project

Sep. 2022 - Dec. 2022

- Implemented a rule-based sentiment analysis system using Python and KoNLP library, processing 37,437 financial sentences with linguistic pattern recognition for improved classification accuracy
- Recognized with the Outstanding Undergraduate Thesis Award

## LANGUAGES AND TECHNICAL SKILLS

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|--------------------|-----------------------------------|
| <b>Programming</b> | Python, R, C++, SQL, Java         |
| <b>ML/NLP</b>      | PyTorch, scikit-learn, NLTK       |
| <b>Tools</b>       | Git, Linux/CLI                    |
| <b>Typesetting</b> | L <sup>A</sup> T <sub>E</sub> X   |
| <b>Languages</b>   | Korean (native), English (fluent) |