# Yunwoo Lee

Phone: (206) · 843 · 4857 ◇ Email: yunu919@uw.edu
3927 Adams Ln NE, Seattle, WA 98105
LinkedIn

## EDUCATION

**University of Washington** — Seattle, WA
*Master of Science in Computational Linguistics* — *Sep. 2025 – Present*

**Hankuk University of Foreign Studies, HUFS** — Seoul, South Korea
*Bachelor of Arts in Linguistics & Cognitive Science* — *Mar. 2018 – Feb. 2024*
*Bachelor of Language Science in Artificial Intelligence (Double Major)*
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, 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** — Seongnam, South Korea
*Language AI Researcher, Language Data Team* — *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** — Seoul, South Korea
*Linguistic Annotator, AI Technology Unit* — *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

**DICORA Computational Linguistics Lab, HUFS** — Seongnam, South Korea
*Undergraduate Research Intern under Prof. Jeesun Nam* — *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

## 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

## PERSONAL PROJECT EXPERIENCE

**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

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| **Programming** | Python, R, C++, SQL, Java |
| **ML/NLP** | PyTorch, scikit-learn, NLTK |
| **Tools** | Git, Linux/CLI |
| **Typesetting** | LaTeX |
| **Languages** | Korean (native), English (fluent) |