KI WOONG MOON

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EDUCATION

University of Arizona, Tucson, Arizona, U.S.A. *Aug 2022 - Present*
Ph.D., Linguistics (expected)
Advisor: Dr. Natasha Warner
GPA: 4.00/4.00

University of Arizona, Tucson, Arizona, U.S.A. *Jan 2025 - Dec 2025*
M.S., Human Language Technology (expected)
Advisor: Dr. Michael Hammond
GPA: 4.00/4.00

Hankuk University of Foreign Studies, Seoul, South Korea *Mar 2020 - Aug 2022*
M.A., English Linguistics
Thesis Title: Automatic Detection of Word-level Suprasegmental Speech Errors in EFL Utterance
Thesis Committee: Dr. Tae-Yeoub Jang (Chair), Dr. Jee Eun Kim, Dr. Jeong-sik Park
GPA: 4.50/4.50

Hankuk University of Foreign Studies, Seoul, South Korea *Mar 2014 - Feb 2020*
B.A., English
GPA: 3.93/4.50

TEACHING EXPERIENCE

Department of Linguistics, University of Arizona *Fall 2025*
LING 438 Computational Linguistics
- Standalone instructor of the course
- Prepare and organize course materials, which include basic concepts in Computational Linguistics (regular expression, FSA, context-free grammars, etc.), using Perl, Python and Prolog
- Grade assignments, and provide constructive feedback to students

Department of Linguistics, University of Arizona *Summer 2025, Summer 2024*
LING 201 Introduction to Linguistics
- Instructor of the introduction to linguistics
- Prepare and organize course materials, record the lectures weekly
- Grade assignments, and quizzes and provide constructive feedback to students

Department of Linguistics, University of Arizona *Spring 2025*
LING 150A Language in the World
- Graduate Teaching Associate
- Grade students' assignments, discussion and provide constructive feedback to students
- Hold Weekly office hours to engage with students and to answer various questions regarding the course

ELLT Department of Hankuk University of Foreign Studies *Sep 2021 - Dec 2021*
Teaching Assistant
- Helped undergraduate linguistics students with language data analysis using R

ELLT Department of Hankuk University of Foreign Studies *Mar 2021 - Jun 2021*
Teaching Assistant
- Helped undergraduate linguistics students with understanding computational linguistics using Python

Hankuk Academy of Foreign Studies Camp *Dec 2018 - Feb 2019*
Instructor
- Teaching English writing and speaking to 6th grade students
- Organizing course materials and curriculum for debate competition

WORK EXPERIENCE

XRI Global *Jan 2025 - Present*
Internship
- Collecting and processing speech data
- Fine-tuning ASR model for low resource languages
- Finding various approaches to enhance the performance of the model (data augmentation, and transfer learning)

ELLT Department of Hankuk University of Foreign Studies *Aug 2020 - Feb 2022*
Head Assistant of the Department
- Organizing department's duties: graduation, internship, exchange program and course scheduling

PUBLICATIONS & PRESENTATIONS

Editor-reviewed Journal
Ki Woong Moon, & Natasha Warner. 2025 Realization of *Just*: Speech reduction in a high-frequency word. *Proceedings of Meetings on Acoustics*

Invited Talks
Ki Woong Moon, & Dan Brenner. 2025 Enhancing HuBERT for Spontaneous Speech with Acoustic Feature Fusion. in *6th joint Meeting of the Acoustical Society of America and Acoustical Society of Japan*. Honolulu, Hawaii, USA

Conference Presentations
Ki Woong Moon, & Natasha Warner. 2025 Realization of *Just*: Speech reduction in a high-frequency word. in *188th Meeting of the Acoustical Society of America*. New Orleans, Lousiana, USA
Ki Woong Moon. 2024. Preceding Word Information for Predicting Speech Errors in EFL Speech. in *Labphon19*. Seoul, Korea
Ki Woong Moon. 2024. Preceding word information for predicting speech errors in EFL speech. in *186th Meeting of the Acoustical Society of America*. Ottawa, Canada
Natasha Warner, **Ki Woong Moon**, Seongjin Park, James M. McQueen, & Mohammed K. Albusairi. 2024. Metrical segmentation across dialects. in *186th Meeting of the Acoustical Society of America*. Ottawa, Canada

Thesis
Ki Woong Moon. 2022 Automatic Detection of Word-level Suprasegmental Speech Errors in EFL Utterance. M.A. Thesis. Department of English Linguistics, Hankuk University of Foreign Studies

Work in progress
Ki Woong Moon. 2025 Perceptual cues for a reduced function word in phonetically similar contexts. Department of Linguistics, University of Arizona
Ki Woong Moon. 2025 Realization of *Just*: Speech reduction in a high-frequency word. Department of Linguistics, University of Arizona
Ki Woong Moon, & Dan Brenner. 2025 SponSpeech: Enhancing speech recognition model in spontaneous context via acoustic features. Department of Linguistics, University of Arizona

RESEARCH EXPERIENCE

Graduate Research Assistant *Aug 2022 - Jan 2025*
Douglass Phonetics Lab, Linguistics Department of University of Arizona
Supervisor: Dr. Natasha Warner
Organizing lab meeting and Conduct speech perception experiment
Analyzing the result of the experiment conducted in the lab using statistical approach

Research Assistant *Sep 2021 - Nov 2021*
Extraction of phoneme-level features for developing English-learning systems and establishment of phoneme error tagging data.
Sponsored by Electronics and Telecommunications Research Institute of the Korean Government

Research Assistant *Feb 2021 - Nov 2021*
Research for Refining Corpus for Quality Enhancement of Machine Translation.

Sponsored by Hyundai Motor Company, Korea

Research Assistant *Sep 2020 - Dec 2020*
Data Construction for Artificial Intelligence Training (Natural Language Processing/Discourse).
Sponsored by National Information Society Agency of the Korean Government

Research Assistant *Jun 2020 - Oct 2020*
Construction of a non-native writing corpus of Korean for automated machine evaluation.
Sponsored by Electronics and Telecommunications Research Institute of the Korean Government

Research Assistant *Mar 2020 - Nov 2020*
Expert human evaluation of non-native English/Korean speech and
feature extraction for automated assessment of English proficiency.
Sponsored by Electronics and Telecommunications Research Institute of the Korean Government

AWARDS AND SCHOLARSHIPS

POMA Student competition winner *Dec 2025*
Awarded for winning the POMA student competition (Amount: $300)
Title: Realization of *just*: speech reduction in a high-frequency word

Departmental Travel Fund *Dec 2025*
Awarded for oral presentation at the sixth joint meeting of ASA and ASJ (Amount: $900)

Departmental Travel Fund *May 2025*
Awarded for poster presentation at 2025 ASA Spring Annual Meeting (Amount: $964)

Departmental Travel Fund *June 2024*
Awarded for poster presentation at Labphon19 in Seoul (Amount: $850)

Departmental Travel Fund *May 2024*
Awarded for poster presentation at 2024 ASA Spring Annual meeting (Amount: $850)

2022 Fulbright Graduate Student Program Scholarship *Feb 2022*
Nominated as a Principal Candidate - refused

Work Scholarship (Graduate)
Department of English Linguistics and Language Technology, *Sep 2021, Mar 2021*
Hankuk University of Foreign Studies *Sep 2020, Mar 2020*

Academic Scholarship (Dean's List)
Department of English, Hankuk, University of Foreign Studies *Aug 2019*

International Exchange Scholarship
Department of English, Hankuk, University of Foreign Studies *Aug 2018*

Work Scholarship (Undergraduate)
Department of English, Hankuk, University of Foreign Studies *Sep 2017, Mar 2018*

1st Place Award in Recruit Training Center *Dec 2015*
25th Infantry Division, Republic of Korea Army

1st Place Award in Academic Conference *Nov 2015*
College of English, Hankuk University of Foreign Studies

PROGRAMMING SKILLS

Programming Languages *Bash, Perl, Praat, Python, R*

ASR/Machine Learning libraries *Hugging Face, Kaldi, Pytorch*
General *LaTeX, MacOS, Linux (Ubuntu), Windows*

LANGUAGES

Native in Korean and Proficient in English

Minor knowledge with Chinese