

KI WOONG MOON

📍 Department of Linguistics, University of Arizona, Tucson, Arizona, USA, 85721

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EDUCATION

University of Arizona, Tucson, Arizona, U.S.A.

Aug 2022 - Present

Ph.D., Linguistics (expected)

Advisor: Dr. Natasha Warner

University of Arizona, Tucson, Arizona, U.S.A.

Jan 2025 - Present

M.S., Human Language Technology (expected)

Advisor: Dr. Michael Hammond

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

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

Department of Linguistics, University of Arizona

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

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

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, Louisiana, 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. 2024 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

Departmental Travel Fund	<i>May 2025</i>
Awarded for poster presentation at 2025 ASA Spring Annual Meeting (Amount: \$964)	
Departmental Travel Fund	<i>June 2024</i>
Awarded for poster presentation at Labphon19 in Seoul (Amount: \$850)	
Departmental Travel Fund	<i>May 2024</i>
Awarded for poster presentation at 2024 ASA Spring Annual meeting (Amount: \$850)	
2022 Fulbright Graduate Student Program Scholarship	<i>Feb 2022</i>
Nominated as a Principal Candidate - refused	
Work Scholarship (Graduate)	
Department of English Linguistics and Language Technology,	<i>Sep 2021, Mar 2021</i>
Hankuk University of Foreign Studies	<i>Sep 2020, Mar 2020</i>
Academic Scholarship (Dean's List)	
Department of English, Hankuk, University of Foreign Studies	<i>Aug 2019</i>
International Exchange Scholarship	
Department of English, Hankuk, University of Foreign Studies	<i>Aug 2018</i>
Work Scholarship (Undergraduate)	
Department of English, Hankuk, University of Foreign Studies	<i>Sep 2017, Mar 2018</i>
1st Place Award in Recruit Training Center	<i>Dec 2015</i>
25th Infantry Division, Republic of Korea Army	
1st Place Award in Academic Conference	<i>Nov 2015</i>
College of English, Hankuk University of Foreign Studies	

COMPLETED COURSES FOR COMPUTATIONAL LINGUISTICS / SPEECH TECH

LING508 Computational Techniques For Linguistics	<i>Fall 2022</i>
LING507 Statistical Analysis on Linguistics	<i>Spring 2023</i>
LING538 Computational Linguistics	<i>Spring 2023</i>
LING578 Speech Technology	<i>Fall 2023</i>
LING539 Statistical Natural Language Processing	<i>Spring 2024</i>
LING582 Advanced Statistical NLP	<i>Fall 2024</i>
LING696G Topics in Computational Linguistics	<i>Spring 2025</i>
LING581 Advanced Computational Linguistics	<i>Spring 2025</i>

PROGRAMMING SKILLS

Programming Languages	<i>Bash, Perl, Praat Python, R</i>
ASR/Machine Learning libraries	<i>Hugging Face, Kaldi, Pytorch</i>
General	<i>LaTeX, MacOS, Linux (Ubuntu), Windows</i>

LANGUAGES

Native in Korean and Proficient in English
Minor knowledge with Chinese