

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

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,
Hankuk University of Foreign Studies

Sep 2021, Mar 2021
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

COMPLETED COURSES FOR COMPUTATIONAL LINGUISTICS / SPEECH TECH

LING508 Computational Techniques For Linguistics

Fall 2022

LING507 Statistical Analysis on Linguistics

Spring 2023

LING538 Computational Linguistics

Spring 2023

LING578 Speech Technology

Fall 2023

LING539 Statistical Natural Language Processing

Spring 2024

LING582 Advanced Statistical NLP

Fall 2024

LING696G Topics in Computational Linguistics

Spring 2025

LING581 Advanced Computational Linguistics

Spring 2025

PROGRAMMING SKILLS

Programming Languages

Bash, Perl, Praat, Python, R

ASR/Machine Learning libraries

Hugging Face, Kaldi, Pytorch

General

ETEX, MacOS, Linux (Ubuntu), Windows

LANGUAGES

Native in Korean and Proficient in English

Minor knowledge with Chinese