

# KI WOONG MOON

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

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## EDUCATION

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**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

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**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

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**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**

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**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**

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**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**

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

**COMPLETED COURSES FOR COMPUTATIONAL LINGUISTICS / SPEECH TECH**

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

**PROGRAMMING SKILLS**

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

**LANGUAGES**

Native in Korean and Proficient in English  
Minor knowledge with Chinese