

Sarang Jeong

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RESEARCH EXPERIENCE

Mar. 2022 – June 2022	Graduate Course Team Project , Stanford University <i>Course:</i> CS 224U (Natural Language Understanding) <i>Project:</i> Zero-shot cross-lingual transfer and typological similarity for low-resource natural language inference (Leader: J. Adolfo Hermsillo) <ul style="list-style-type: none">Investigated the cross-lingual transfer of a multilingual language model fine-tuned monolingually on typologically diverse languages.Fine-tuned XLM-R on 6 XNLI languages and evaluated their zero-shot performance on AmericasNLI.	Stanford, CA
Sept. 2020 – June 2021	Graduate Course Project , Stanford University <i>Courses:</i> LINGUIST 245A (Intro. to Psycholinguistics), LINGUIST 245B (Methods in Psycholinguistics) <i>Project:</i> The relation between perception and production in Korean three-way stop contrast <ul style="list-style-type: none">Investigated the relation between perception and production under a sound change.Manipulated auditory stimuli using Praat script; designed and carried out a perception experiment using JavaScript; conducted analysis, ran logistic regression models, and created plots using R.	Stanford, CA
July 2018 – July 2020	Research Assistant , Ministry of Science and Technology of Taiwan <i>Project:</i> Perceptual reorganization of phonetic cues through statistical learning in second language category development (PI: Dr. Sang-Im Lee-Kim) <i>Duties:</i> subject recruitment and scheduling, carrying out perception and production experiments (E-Prime, Paradigm Player, acoustic recording), data maintenance and analyses	Seoul, South Korea
Mar. 2018 – June 2018	Research Assistant , Ministry of Science and Technology of Taiwan <i>Project:</i> Perceptual reorganization of phonetic cue weighting through L2 learning (PI: Dr. Sang-Im Lee-Kim) <i>Duties:</i> subject recruitment and scheduling, carrying out perception and production experiments (E-Prime, Paradigm Player, acoustic recording), data maintenance and analyses	Seoul, South Korea
Mar. 2018 – Feb. 2019	Research Assistant , Seoul National University <i>Project:</i> Morphophonological gradient in Korean n-insertion (PI: Dr. Jongho Jun) <i>Duties:</i> coding, data maintenance and analyses	Seoul, South Korea
Jan. 2018 – Feb. 2020	Master's Thesis , Seoul National University <i>Project:</i> Constraint Dependence: The case of Russian vowel epenthesis in prepositions <ul style="list-style-type: none">Analyzed variable vowel epenthesis in Russian monoconsonantal prepositions before consonant clusters.Scraped large data (N=641K) from an online corpus using Python, and ran mixed effects logistic regression models using R.	Seoul, South Korea

EDUCATION

Sept. 2020 – present	Ph.D. in Linguistics (candidate), Stanford University <i>Related courses:</i> <i>Programming for Linguists, From Language to Information, Natural Language Understanding, Advanced Semantics, Foundations of Syntactic Theory I, Methods in Psycholinguistics</i>	Stanford, CA
Sept. 2016 – Feb. 2020	M.A. in Linguistics, Seoul National University	Seoul, South Korea
Sept. 2011 – Feb. 2015	M.A. in Political Science, Seoul National University	Seoul, South Korea
Mar. 2007 – Feb. 2011	B.A. in Russian Literature, <i>summa cum laude</i> , Keimyung University	Daegu, South Korea
Non-degree programs		
Aug. 2019	Language and Statistics (Linguistics School), Linguistic Society of Korea	Seoul, South Korea
July 2019	Data analysis using Python, IS&T Seoul National University	Seoul, South Korea

PAPERS

Jeong, S. (submitted) Constraint Dependence: Evidence from Russian.
Jeong, M. L., & Jeong, S. (2015). The Functions of the Flying Ship in the Russian Animated Film "The Flying Ship." *The comparative study of world literature*, 51, 499-516. (In Korean)

PRESENTATIONS (Selected)

2023	The relation between perception and production in Korean three-way stop contrast: An experiment on the perception of the younger age group. Talk to be presented at the Berkeley Phonetics, Phonology and Psycholinguistics Forum.
2022	Parasitic OCP and constraint dependence: evidence from Russian. Poster presented at the 29 th Manchester Phonology Meeting.
2018	Explaining the gradient OCP: The case of Russian consonant clusters. Talk presented at the 7 th International Conference on Phonology and Morphology.

SKILLS

Languages: Korean (native), English (fluent), Russian (fluent)
Technical: R, Python, PyTorch, Java Script, LaTeX, Praat