

NAJOUNG KIM

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EDUCATION	Johns Hopkins University Ph.D., Cognitive Science Advisors: Paul Smolensky and Kyle Rawlins	2016-current
	University of Oxford MSt, General Linguistics & Comparative Philology Concentration & Thesis focus: Computational Linguistics	2014-2015 Distinction
	Seoul National University B.A. English Linguistics & Literature B.A. Linguistics (double major) Minor: Computer Science & Engineering	2009-2013 Summa Cum Laude
PUBLICATIONS	Najoung Kim , Kyle Rawlins, Benjamin Van Durme and Paul Smolensky. "Predicting Argumenthood of English Preposition Phrases." (submitted to AAAI 2019)	
	Najoung Kim , Kyle Rawlins and Paul Smolensky. "Motivating gradient symbolic blends—case of English preposition phrases." (submitted to Society for Computation in Linguistics 2019)	
	Najoung Kim , Jung-Ho Kim, Maria K. Wolters, Sarah E. MacPherson, and Jong C. Park. "Automatic Scoring of Semantic Fluency." (in preparation)	
	Maria K. Wolters, Najoung Kim , Jung-Ho Kim, Sarah E. MacPherson, and Jong C. Park. "Prosodic and Linguistic Analysis of Semantic Fluency Data: A Window into Speech Production and Cognition," <i>Interspeech</i> , 2016.	
	Jung-Ho Kim, Najoung Kim , Hancheol Park. and Jong C. Park. "Enhanced Sign Language Transcription System via Hand Tracking and Pose Estimation," <i>Journal of Computing Science and Engineering</i> vol 10.3, 2016.	
	Najoung Kim and Jong C. Park. "A Morphological Approach to the Longitudinal Detection of Dementia," <i>Proceedings of HCI Korea 2016, The HCI Society of Korea</i> , 2016.	
PRESENTATIONS / POSTERS	Najoung Kim , Benjamin Van Durme and Paul Smolensky. "Linguistically informed tasks for evaluating structure encoded by sentence representations," <i>Facebook WeC-NLP Summit</i> , Menlo Park, CA, Sep 2018.	
	Najoung Kim , Kyle Rawlins, and Paul Smolensky. "A gradient blend analysis of English PP verbal dependents," <i>Conference on Interdisciplinary Approaches to Linguistic Theory (CiALT) 2</i> , Berlin, Oct 2018.	
	Najoung Kim , Kyle Rawlins, and Paul Smolensky. "A gradient blend analysis of English PP verbal dependents," <i>Acceptability judgments in current linguistic theory</i> ,	

Universitat Autònoma de Barcelona, Oct 2018.

Najoung Kim, Jung-Ho Kim, Maria K. Wolters, Sarah E. MacPherson, and Jong C. Park. "Approximating the Semantic Structures behind Category Fluency Sequences," *MACSIM 6 at CUNY*, New York, Oct 2016.

TALKS / TUTORIALS

Semantic Role Labeling tutorial (with Diego Marcheggiani and Michael Roth)
Tutorial at EMNLP 2017, Copenhagen, Sep 2017.

"Detection and Categorisation of Neograms in Korean Text (+a),"
Talk, Ertegun House, Oxford, 2015.

"Corpus Tools: Past, Present, and Future,"
Talk & Event Organiser (Guest speaker: Laurence Anthony),
Ertegun House, Oxford, 2015.

THESES

"Automatic Detection and Classification of Neograms in Korean Text,"
MSt thesis, University of Oxford, 2015. (Advisors: Ash Asudeh, Stephen Pulman)

"A Research on Productivity Quantification Through Web-based Corpus Construction and Analysis on Korean Derivational Affixes,"
B.A. dissertation, Department of Linguistics, Seoul National University, 2013.
(Advisor: Jongho Jun; project funded by SNU Undergraduate Research Program)

"Verbal Structures of English Genitive Constructions Containing Deverbal Nouns,"
B.A. dissertation, Department of English Linguistics & Literature, Seoul National University, 2013. (Advisor: Heok-Seung Kwon)

TEACHING

Spring 2018, TA for Foundations of Cognitive Science (with Paul Smolensky)

- Led class discussion for graduate and undergraduate sections
- Provided feedback on weekly assignments

Fall 2017, TA for Semantics I (with Kyle Rawlins)

- Led weekly review sessions

Spring 2017, TA for Language and Advertising (with Kyle Rawlins)

Winter 2014, Tutor for Samsung Convergence Software Course, SNU

- Led help sessions for CS undergraduates and double-major/minor students
- Guest lecture: 'Introduction to Python'

EXPERIENCES

Graduate student researcher Jun-Aug 2018
The Fifth Frederick Jelinek Memorial Summer Workshop (JSALT)

- General-purpose Sentence Representation Learning team (PIs: Sam Bowman, Ellie Pavlick)
- Designed linguistically-informed probing tasks for interpretability of sentence representations learned by neural networks

Visiting researcher 2015-2016
*NLP*CL Lab, School of Computing, Korea Advanced Institute of Science and Technology*

- Computational semantics
- Language modeling to aid early diagnosis of mild cognitive impairment

	<ul style="list-style-type: none"> • Dynamic clustering with fluid category boundaries for improved performance measures in Category Fluency Tasks • Corpus annotation for gene-depression relations 	
	Intern developer <i>Knowledge Extraction Team (Former NLP Team), NAVER Corporation</i>	2013-2014
	<ul style="list-style-type: none"> • Developed an article suggestion algorithm for search autocomplete • Worked on question/keyword detection • Worked on identifying domained queries and query patterns that require specific answers • Translated and summarised AI-related papers 	
	Trainee developer <i>NHN Software Membership</i>	2013
	<ul style="list-style-type: none"> • Received professional education in software development • Led a group project developing a functioning web-based service • Awarded for overall performance 	
AWARDS	Owen Scholarship Johns Hopkins University	2016-2019
	Mica and Ahmet Ertegun Graduate Scholarship Programme in the Humanities Full scholarship for Master's degree (University of Oxford)	2014-2015
	Department Assistant Scholarship position (Department of English Lit. & Ling. at SNU)	2013-2014
	SNU Undergraduate Research Program Grant for selected undergraduate research proposals	2013
	<ul style="list-style-type: none"> • Conducted an independent research project on productivity quantification • Research grant (\$3000) 	
	Foundation Funds Scholarship SNU Superior Academic Performance Scholarship Awarded for academic performance	2013 2010-2011
COMPUTER SKILLS	Python, R, Java, HTML (proficient) C, Scheme, OCaml (basic) PyTorch	
LANGUAGES	Korean (native); English (near-native); Spanish (intermediate, DELE Intermedio); Japanese (reading knowledge, JLPT N1)	
PROFESSIONAL MEMBERSHIP	Linguistic Society of America Association for Computational Linguistics	
PROFESSIONAL SERVICE	Reviewer for EMNLP 2018	

VOLUNTEER WORK	Colloquium student committee <i>Department of Cognitive Science, Johns Hopkins University</i>	2018
	Peer tutor <i>Seoul National University</i> <ul style="list-style-type: none"> • Taught 1st and 2nd year students English 	2011
	English tutor <i>Youngnak High School</i> <ul style="list-style-type: none"> • Taught high school students English grammar 	2010