

NAJOUNG KIM

n.kim@jhu.edu / najoungkim.github.io
237 Krieger Hall, Johns Hopkins University
3400 N Charles Street, Baltimore, MD, USA 21218

Updated August 2019

EDUCATION	Johns Hopkins University Ph.D. student, Cognitive Science Advisors: Paul Smolensky and Kyle Rawlins	2016–current
	Johns Hopkins University M.A. Cognitive Science	2016–2017
	University of Oxford M.St., General Linguistics & Comparative Philology	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
EXPERIENCES	Research intern, IBM Research <i>Thomas J. Watson Research Center, Yorktown Heights, NY</i> <ul style="list-style-type: none">Conditional structures in dialogEvaluating sentence representations for discourse	May–Aug 2019
	Graduate student researcher <i>The Fifth Frederick Jelinek Memorial Summer Workshop (JSALT)</i> <ul style="list-style-type: none">General-purpose Sentence Representation Learning team (PIs: Sam Bowman, Ellie Pavlick)	Jun–Aug 2018
	Visiting researcher <i>NLP*CL Lab, School of Computing, Korea Advanced Institute of Science and Technology</i> <ul style="list-style-type: none">Computational modeling of semantic fluency	2015–2016
	Intern developer <i>Knowledge Extraction Team, NAVER Corporation, South Korea</i>	2013–2014
WORKS IN PROGRESS	Najoung Kim , Kyle Rawlins, Paul Smolensky (2019). The complement-adjunct distinction as gradient blends: the case of English prepositional phrases. <i>lingbuzz/004723</i> [preprint] (under review)	
PUBLICATIONS	Najoung Kim , Roma Patel, Adam Poliak, Alex Wang, Patrick Xia, Tom McCoy, Ian Tenney, Alexis Ross, Tal Linzen, Benjamin Van Durme, Samuel R. Bowman, Ellie Pavlick (2019). Probing what different NLP tasks teach machines about function word comprehension. <i>Proceedings of the Eighth Joint Conference on Lexical and Computational Semantics (*SEM)</i> . [pdf] Best Paper Award	
	Alex Wang, Jan Hula, Patrick Xia, Raghavendra Pappagari, R. Thomas McCoy, Roma Patel, Najoung Kim , Ian Tenney, Yinghui Huang, Katherin Yu, Shuning Jin, Berlin	

Chen, Benjamin Van Durme, Edouard Grave, Ellie Pavlick, Samuel R. Bowman (2019). How to Get Past Sesame Street: Sentence-Level Pretraining Beyond Language Modeling. *Proceedings of the Annual Conference of the Association for Computational Linguistics (ACL)*. [pdf]

Najoung Kim, Jung-Ho Kim, Maria K. Wolters, Sarah E. MacPherson, Jong C. Park (2019). Automatic Scoring of Semantic Fluency. *Frontiers in Psychology*. [link]

Najoung Kim, Kyle Rawlins, Benjamin Van Durme, Paul Smolensky (2019). Predicting the Argumenthood of English Prepositional Phrases. *Proceedings of the 33rd AAAI Conference on Artificial Intelligence (AAAI)*. [pdf]

Ian Tenney, Patrick Xia, Berlin Chen, Alex Wang, Adam Poliak, R Thomas McCoy, **Najoung Kim**, Benjamin Van Durme, Samuel R. Bowman, Dipanjan Das, Ellie Pavlick (2019). What do you learn from context? Probing for sentence structure in contextualized word representations. *International Conference on Learning Representations (ICLR)*. [pdf]

Maria K. Wolters, **Najoung Kim**, Jung-Ho Kim, Sarah E. MacPherson, Jong C. Park (2016). Prosodic and Linguistic Analysis of Semantic Fluency Data: A Window into Speech Production and Cognition. *Interspeech*. [doi] [pdf]

Jung-Ho Kim, **Najoung Kim**, Hancheol Park, Jong C. Park (2016). Enhanced Sign Language Transcription System via Hand Tracking and Pose Estimation. *Journal of Computing Science and Engineering vol 10.3*.

Najoung Kim and Jong C. Park (2016). A Morphological Approach to the Longitudinal Detection of Dementia. *Proceedings of HCI Korea 2016, The HCI Society of Korea*. [link] [pdf]

PEER-REVIEWED PRESENTATIONS

Sadhwi Srinivas, **Najoung Kim**, Kyle Rawlins (2020). Maximize presupposition and the Korean demonstrative *ku*. To be presented at *The 94th Annual Meeting of the Linguistic Society of America (LSA)*. [abstract]

Najoung Kim, Benjamin Van Durme, Ellie Pavlick, Paul Smolensky (2018). Linguistically informed tasks for evaluating structure encoded by sentence representations. *WeCNLP Summit*, Facebook HQ, Menlo Park, CA. [poster] [slides]

Najoung Kim, Kyle Rawlins, Paul Smolensky (2018). A gradient blend analysis of English PP verbal dependents. *Conference on Interdisciplinary Approaches to Linguistic Theory (CiALT) 2*, Humboldt-Universität zu Berlin. [abstract]

Najoung Kim, Kyle Rawlins, Paul Smolensky (2018). A gradient blend analysis of English PP verbal dependents. *Acceptability judgments in current linguistic theory*, Universitat Autònoma de Barcelona. [slides]

TALKS / TUTORIALS

Semantic Role Labeling Tutorial (**Najoung Kim**, Diego Marcheggiani, Michael Roth, Benjamin Van Durme), EMNLP, Copenhagen, Sep 2017.

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

“Detection and Categorisation of Neograms in Korean Text (+a),”, Invited talk at Ertegun House, Oxford, 2015.

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

AWARDS	Best Paper Award, *SEM 2019	2019
	Owen Scholarship Awarded to select incoming doctoral students in the natural sciences, Johns Hopkins University	2016–2019
	Mica and Ahmet Ertegun Graduate Scholarship Programme in the Humanities Full scholarship for Master’s degree at 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 <ul style="list-style-type: none"> • Quantification of morphological productivity • Awarded research grant (\$3000) 	2013
	Foundation Funds Scholarship SNU Superior Academic Performance Scholarship	2013 2010–2011
PROFESSIONAL SERVICE	Reviewer: *SEM 2019, EMNLP 2018, EMNLP-IJCNLP 2019 Program Committee: ACL 2019 Student Research Workshop	
PROFESSIONAL MEMBERSHIP	Association for Computational Linguistics Association for the Advancement of Artificial Intelligence	
TEACHING	Spring 2019, TA for Foundations of Neural Networks (with Paul Smolensky) <ul style="list-style-type: none"> • Developed PyTorch assignments • Led weekly review sessions and provided feedback on weekly assignments 	
	Spring 2018, TA for Foundations of Cognitive Science (with Paul Smolensky) <ul style="list-style-type: none"> • Led class discussions for graduate and undergraduate sections • Provided feedback on weekly assignments 	
	Fall 2017, TA for Semantics I (with Kyle Rawlins) <ul style="list-style-type: none"> • Led weekly review sessions 	
	Spring 2017, TA for Language and Advertising (with Kyle Rawlins)	
	Winter 2014, Tutor for Samsung Convergence Software Course, SNU <ul style="list-style-type: none"> • Led help sessions for CS undergraduates and double-major/minor students • Guest lecture: ‘Introduction to Python’ 	

THESES	<p>“Automatic Detection and Classification of Neograms in Korean Text,” MSt thesis, University of Oxford, 2015. (Advisors: Ash Asudeh, Stephen Pulman)</p>	
	<p>“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)</p>	
	<p>“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)</p>	
COMPUTER SKILLS	<p>Python, R, HTML (proficient) Java, C, Scheme/Racket, OCaml (basic) PyTorch</p>	
LANGUAGES	<p>Korean (native); English (near-native); Spanish (intermediate, DELE Intermedio); Japanese (reading knowledge, JLPT N1)</p>	
VOLUNTEER WORK	<p>Colloquium student committee <i>Department of Cognitive Science, Johns Hopkins University</i></p>	2018–current
	<p>Peer tutor <i>Seoul National University</i></p> <ul style="list-style-type: none"> • Taught 1st and 2nd year students English 	2011
	<p>English tutor <i>YOUNGNAK High School</i></p> <ul style="list-style-type: none"> • Taught high school students English grammar 	2010