

BYUNG-IL OH

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EDUCATION	Sungkyunkwan University <ul style="list-style-type: none">- Bachelor of Arts in Psychology- Bachelor of Science in Engineering, Interdisciplinary Program of Convergence Software	Republic of Korea 2019
PUBLICATIONS	<ol style="list-style-type: none">1. Oh, B.-I., Kim, Y.-J., Kang, M.-S. (in press). Ensemble representations reveal distinct neural coding of visual working memory. <i>Nature Communications</i>.2. Son, G., Oh, B.-I., Kang, M.-S., & Chong, S. C. (2019, May 9). Similarity-based clusters are representational units of visual working memory. <i>Journal of Experimental Psychology: Learning, Memory, and Cognition</i>. Advance online publication. http://dx.doi.org/10.1037/xlm00007223. Kang, M.-S. & Oh, B.-I. (2016). Grouping influences output interference in short-term memory: a mixture modeling study. <i>Frontiers in Psychology</i>, 7, 585. https://doi.org/10.3389/fpsyg.2016.00585	
PRESENTATIONS	<ol style="list-style-type: none">1. Oh, B.-I. & Kang, M.-S. (2018). Cluster representation during maintenance in visual working memory. Poster presented at the 18th Annual Meeting of <i>Korean Society for Cognitive and Biological Psychology</i>, Suwon, Republic of Korea.2. Oh, B.-I. & Kang, M.-S. (2017). Time is needed for memory to be biased toward an ensemble average. Poster presented at the 17th Annual Meeting of the <i>Vision Science Society</i>, St. Pete Beach, FL., U.S. Abstract published in <i>Journal of Vision</i>, 17(10), 350.	
RESEARCH EXPERIENCES	Visual Cognitive Neuroscience Lab , Department of Psychology, Sungkyunkwan University <i>Research Assistant</i> (Advisor: Prof. Min-Suk Kang) <ul style="list-style-type: none">- Led project on working memory and ensemble representation. Ran behavioral and EEG experiments. Set up and managed EEG environment and participant pool. Sensorimotor Cognition Laboratory , Center for Neuroscience Imaging Research, Institute of Basic Science <i>Intern</i> (Advisor: Prof. Jun-Yeol Lee) <ul style="list-style-type: none">- Participated in pilot project on smooth pursuit eye movement and memory. Ran behavioral experiment with eye-tracker and presented result by poster.	Seoul, Republic of Korea Feb. 2015 – Aug. 2018 Suwon, Republic of Korea Jun. 2016 – Jul. 2016
AWARDS	Data Science Competition 2019 , Naver Corporation & Seoul National University <i>Third Place</i> (among 2,000 competitors) <ul style="list-style-type: none">- Purpose: to make creative financial portfolio strategy based on data science- Designed personalized portfolio optimization method that overcomes disposition effect.	Republic of Korea Apr. 2019 – Aug. 2019
SKILLS	MATLAB, Python, R, Keras, Stan, SQL, C/C++, Java, Photoshop	

EXTRA-
CURRICULAR
ACTIVITIES

Student Club Activities, Sungkyunkwan University
Cognitive Psychology Student Club

Seoul, Republic of Korea
Apr. 2014 – Nov. 2017

- Participated in project on memory, attention, consciousness, face recognition, motion perception, time perception, and navigation.
- Organized club funding and made decision on project as club president.

Data Analysis Student Club

Mar. 2016 – Nov. 2017

- Studied statistics, data analysis, machine learning, R, python. Participated in project on network analysis. Entered competition of recommendation system.

Class Mentoring Activities, Sungkyunkwan University
Brain, Mind, and Behavior (PSY3013-01)

Seoul, Republic of Korea
Fall 2016

- Gave summary presentation of neuroimaging method, perception, attention, memory, decision making, social neuroscience.

Perception (PSY3008-01)

Spring 2015

- Summarized psychometrics, visual, auditory, and somatosensory perception. Answered question and led discussion.

WORK
EXPERIENCES

KATUSA (Korean Augmentation to the United States Army),
Republic of Korea Army
Administrative Specialist

Republic of Korea
Oct. 2018 – Present

- Performing mandatory military service with Eighth U.S. Army.

Last Updated: September 27th, 2019