

# BYUNG-IL OH

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EDUCATION	<b>Sungkyunkwan University</b> <ul style="list-style-type: none"><li>- Bachelor of Arts in Psychology</li><li>- Bachelor of Science in Engineering, Interdisciplinary Program of Convergence Software</li></ul>	Republic of Korea 2020
RESEARCH EXPERIENCES	<b>Research Assistant</b> (Advisor: Prof. Min-Suk Kang), Visual Cognitive Neuroscience Lab, Sungkyunkwan University <b>Intern</b> (Advisor: Prof. Jun-Yeol Lee), Sensorimotor Cognition Lab, Center for Neuroscience Imaging Research	Seoul, Republic of Korea Feb. 2015 – Aug. 2018 Suwon, Republic of Korea Jun. 2016 – Jul. 2016
PUBLICATIONS	<ol style="list-style-type: none"><li>1. <b>Oh, B.-I.</b>, Kim, Y.-J., Kang, M.-S. (2019). Ensemble representations reveal distinct neural coding of visual working memory. <i>Nature Communications</i>. 10, 5665.</li><li>2. Son, G., <b>Oh, B.-I.</b>, Kang, M.-S., &amp; Chong, S. C. (2019). Similarity-based clusters are representational units of visual working memory. <i>Journal of Experimental Psychology: Learning, Memory, and Cognition</i>.</li><li>3. Kang, M.-S. &amp; <b>Oh, B.-I.</b> (2016). Grouping influences output interference in short-term memory: a mixture modeling study. <i>Frontiers in Psychology</i>, 7, 585.</li></ol>	
PRESENTATIONS	<ol style="list-style-type: none"><li>1. <b>Oh, B.-I.</b> &amp; 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.</li><li>2. <b>Oh, B.-I.</b> &amp; 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.</li></ol>	
AWARDS	<b>First Place</b> (among ~300 competitors), BIG DATA Competition, IGAWorks Corporation <b>Third Place</b> (among ~2,000 competitors), Data Science Competition, Naver Corporation & Seoul National University	Republic of Korea Feb. 2020 Republic of Korea Aug. 2019
TECHNICAL SKILLS	<ul style="list-style-type: none"><li>- Proficient in Python including Pandas, NumPy, SciPy, Scikit-learn, TensorFlow, etc.</li><li>- Neuroimaging experiences with MATLAB including Psychtoolbox, EEGLAB, FieldTrip, etc.</li><li>- Familiar with R, Stan, AWS, RDBMS, NoSQL, Spark, C/C++, Git</li><li>- Dabbled in Java, C#, Unity, HTML/CSS, JavaScript, Node.js, Express.js, AngularJS</li></ul>	
WORK EXPERIENCES	<b>Sergeant, KATUSA</b> (Korean Augmentation to the U.S. Army), HHC, USAG-Y, Republic of Korea Army	Seoul, Republic of Korea Oct. 2018 – Present