Nak Won **Rim**

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EDUCATION

June 2021 (*Expected*)	**The University of Chicago**, Chicago, IL M.A. in Computational Social Science	GPA: 4.0/4.0 Selected Courseworks
August 2019	**Korea University**, Seoul, Republic of Korea B.A. in Psychology B.S. in Brain and Cognitive Sciences Graduated with honor: *Great Honor*	GPA: 4.36/4.5 Major GPA: 4.47/4.5 Major GPA: 4.46/4.5 Selected Courseworks

RESEARCH EXPERIENCE

August 2019 - Present — Graduate Research Assistant
Environmental Neuroscience Lab, The University of Chicago
Supervisor: Professor Marc G. **Berman**
* Wrote analysis code and wrote the manuscript for a project proposing a new method of eye-tracking data analysis.
* Overviewing experiment and writing analysis code in a project that tries validate the use of BubbleView, a methodology suggested to emulate eye-tracking in a virtual lab setting, to use in psychological researches (MA Thesis Project)
* Employed NLP technique based on topic modeling to Twitter dataset in a project that modeled the relationship between city size and mental health.

June 2020 - Present — Graduate Research Assistant
Knowledge Lab, The University of Chicago
Supervisor: Professor James A. **Evans**
* Overviewing high-throughput virtual lab group experiment aimed to find optimal teams for group problem-solving. Also worked on literature reviews and writing the IRB proposal.
* Built and working with vector space document embedding models and citation embedding models using large-scale scholarly article dataset (700k+ abstracts, 400k+ citation data)

May 2018 - July 2019 — Undergraduate Research Assistant
Human Performance Lab, Korea University
Supervisor: Professor Yang Seok **Cho**
* Conducted a project on cognitive control and reward using the Simon task.
* Recruited participants and overviewed experiments for researches in the lab.

PREPRINTS

* **Rim, N. W.**, Choe, K. W., Scrivner, C., & Berman, M. G. (2020, August 2). Introducing Point-of-Interest as an alternative to Area-of-Interest for fixation duration analysis. PsyArXiV. https://doi.org/10.31234/osf.io/q4enb
* Stier, A. J., Schertz, K. E., **Rim, N. W.**, Cardenas-Iniguez, C., Lahey, B. B., Bettencourt, L. M. A., & Berman, M. G. (2020, August 23). Rethinking Depression in Cities: Evidence and Theory for Lower Rates in Larger Urban Areas. medRxiv. https://doi.org/10.1101/2020.08.20.20179036

ACADEMIC AWARD

2020 - 2021	**Financial Aid Award**, The University of Chicago
2019 - 2020	**Phoenix Research Award**, The University of Chicago
2019 - 2020	**Dean's Scholarship**, The University of Chicago
Fall 2017	**Veritas Program Scholarship**, Korea University

Military Service (Obligatory)

September 2014 - September 2016	Interpreter / Installation Access System Assistant (honorably discharged as SSgt) **Republic of Korea Air Force**, OSAN AB (USAF 51st FW / ROKAF AFOC) Interpreted dialogues between ROKAF and USAF. The dialogues varied from everyday conversations to technical dialogues about operating installation access systems.

Conference Presentation

∗ **Rim, N. W.**, Kim, Y.-E. & Cho, Y. S. (2018, August) The Effect of Reward on Simon Task Performance. *72th Annual Conference of Korean Psychological Association*, Seoul, Republic of Korea – Poster Presentation

Additional Training

January 2019	Machine Learning via *Coursera* MOOC instructed by Professor Andrew Ng of Stanford University

Skills

Natural Language	English, Korean
Programming	Python, R, MATLAB, SQL
Documents	LaTeX, Microsoft Office, Google docs
Others	Git/Github, Crowdsourcing platforms (MTurk, Prolific), Qualtrics, Amazon Web Services, Adobe Photoshop

SUPPLEMENTARY: SELECTED COURSEWORK

M.A. in Computational Social Science
The University of Chicago

COURSE	GRADE	CREDITS
Computer Science With Applications 1	A	100
Computer Science With Applications 2	A	100
Large-Scale Computing for the Social Sciences	A	100
Experimental Design II	In Progress	100
Perspectives in Computational Analysis	A	100
Perspectives in Computational Modeling	A	100
Perspectives in Computational Research	A	100
Computational Content Analysis	A	100
Computation and Identification of Cultural Patterns	A	100
Stress and the Social Brain	A	100
Memory and Decision Making	In Progress	100

B.A. in Psychology & B.S. in Brain and Cognitive Sciences
Korea University
(E) denotes lectures taught in English

COURSE	GRADE	CREDIT HRS
Department of Psychology		
Cognitive Neuroscience (E)	A+	3
Behavioral Neuroscience	A+	3
Cognitive Psychology	A+	3
Biological Psychology (E)	A+	3
Learning and Memory (E)	A+	3
Sensation and Perception (E)	A+	3
Psychology of Decision Making (E)	A+	3
User Experience and Psychology (E)	A+	3
Department of Computer Science and Engineering		
Discrete Mathematics (E)	A+	3
Algorithms (E)	A+	3
Engineering Mathematics (E)	A+	3
Probability and Random Process	A	3
Theory of Computation (E)	A+	3
Department of Life Science		
Neurobiology (E)	A+	3
Systems Neuroscience (E)	A+	3
Brain and Cognitive Sciences Program		
Physics for Life Science	A+	3
Introduction to Brain and Medical Engineering (E)	A+	3