

Joseph Suh

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Education

University of California at Berkeley

09/2023 – Present

Ph. D. program in Electrical Engineering and Computer Sciences

Advisors: Serina Chang, John Canny

Seoul National University

03/2017 – 02/2023

B.S. in Electrical and Computer Engineering (2-year absence due to Korean military service)

Advisor: Sunkyu Yu

Publications and Preprints

[8] Simulating Human Decision Making with LLM Virtual Personas

Suhong Moon*, Minwoo Kang*, **Joseph Suh**, Mustafa Safdari, and John Canny

Under Review

[7] Rethinking LLM Human Simulation: When a Graph is What You Need

Joseph Suh, Suhong Moon, and Serina Chang

Under Review

[6] [Deep Binding of Language Model Virtual Personas: a Study on Approximating Political Partisan Misperceptions](#)

Minwoo Kang*, Suhong Moon*, Seung Hyeong Lee, Ayush Raj, **Joseph Suh**, and David M. Chan

CoLM 2025

[5] [Language Model Fine-Tuning on Scaled Survey Data for Predicting Distributions of Public Opinions](#)

Joseph Suh*, Erfan Jahanparast*, Suhong Moon*, Minwoo Kang*, and Serina Chang

ACL 2025 (main), American Association for Public Opinion Research (AAPOR) Conference 2025 (oral) (non-archival)

[4] [Rediscovering the Latent Dimensions of Personality with Large Language Models as Trait Descriptors](#)

Joseph Suh*, Suhong Moon*, Minwoo Kang*, and David M. Chan

NeurIPS 2024 workshop on Behavioral Machine Learning

[3] [Virtual Personas for Language Models via an Anthology of Backstories](#)

Suhong Moon*, Marwa Abdulhai*, Minwoo Kang*, **Joseph Suh***, Widyadewi Soedarmadji, Eran Kohen Behar, David M. Chan, and John Canny

EMNLP 2024 (main)

[2] [Long-range-interacting topological photonic lattices breaking channel-bandwidth limit](#)

Gyunghun Kim, **Joseph Suh**, Dayeong Lee, Namkyoo Park[†], and Sunkyu Yu*

Nature Light: Science & Applications 13:189 (2024)

[1] [Photonic Topological Spin Pump in Synthetic Frequency Dimensions](#)

Joseph Suh, Gyunghun Kim, Hyungchul Park, Shanhui Fan, Namkyoo Park[†], and Sunkyu Yu*

Physical Review Letters 132, 033803 (2024)

Honors and Awards

Doctoral Study Abroad Scholarship , <i>Korea Foundation for Advanced Studies</i>	09/2023 – Present
- Around 40 students selected nationally (4 students for the computer science)	
Presidential Science Scholarship , <i>Korea Student Aid Foundation</i>	03/2017 – 08/2022
- Scholarship awarded under the name of the President of the Republic of Korea to science and engineering college students	
34 th Korea Olympiad in Informatics, 10 th place, <i>Korean Institute of Information Scientists and Engineers</i>	2016
33 rd Korea Olympiad in Informatics, 10 th place, <i>Korean Institute of Information Scientists and Engineers</i>	2015

Teaching

Graduate teaching assistant, EECS 16B , EECS, UC Berkeley	Fall 2024, Spring 2025
Undergraduate tutor, Basic Physics , Dept. of Physics, SNU	2018, 2020, 2021, 2022
Undergraduate tutor, Introduction to Data Structures , Dept. of ECE, SNU	Fall 2020
Undergraduate teaching assistant, Programming Methodology , Dept. of ECE, SNU	Fall 2018

Talks

UC Berkeley, BAIR-RDI LLM Agent Workshop spotlight poster talk	May 2025
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Service

ICLR 2026 Reviewer	Oct 2025
Conference on Language Modeling (CoLM) 2025 Reviewer	June 2025
ARR Rolling Review	May 2025
ARR Rolling Review	February 2025