

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

Work

Adobe Inc.

09/2026 – Present

Applied Scientist, Adobe Brand Intelligence

Microsoft Research Lab – Redmond

05/2026 – 08/2026

Research intern, AI Interaction and Learning Group & Deep Learning Group (host: Philippe Laban, Michel Galley)

Publications and Preprints

[13] [Dataset Signatures in Human-LLM Interactions and User Modeling](#)

Joseph Suh, Serina Chang

Preprint

[12] [Think Twice Before Calling Tools: How Pre-Call Reasoning in SFT Shapes Tool-Use Retention under RL](#)

Kaiwen Hu, Hyunin Lee, **Joseph Suh**, Serina Chang, Shuai Shao, Yong Zhang, Namyong Park, Xiaoqiang Luo,

Luke Simon, Somayeh Sojoudi

Preprint

[11] [Quantifying the Utility of User Simulators for Building Collaborative LLM Assistants](#)

Joseph Suh, Ayush Raj, Minwoo Kang, Serina Chang

Preprint

[10] [Pretrained Human-Language Mixture Models and Tandem Models for Human Simulation](#)

Minwoo Kang, Tea Wright, Seun Eisape, Ayush Raj, Suhong Moon, **Joseph Suh**, Alane Suhr[†], David M. Chan[†], John Canny[†]

Preprint

[9] [Anamnesis: An Open-Source Platform for Large-Scale Backstory-Conditioned Survey Simulation](#)

Song-Ze Yu, **Joseph Suh**, Serina Chang, David M. Chan

EMNLP 2026 demo

[8] [Identity, Cooperation and Framing Effects within Groups of Real and Simulated Humans](#)

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

CoLM 2026

[7] [Graph-Based Alternatives to LLMs for Human Simulation](#)

Joseph Suh, Suhong Moon, Serina Chang

ACL 2026 main

- [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**, 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*, Serina Chang
ACL 2025 main, American Association for Public Opinion Research (AAPOR) Conference 2025 (oral)
- [4] [Rediscovering the Latent Dimensions of Personality with Large Language Models as Trait Descriptors](#)
Joseph Suh*, Suhong Moon*, Minwoo Kang*, 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, 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)	
EECS Evergreen Graduate Research Award, <i>UC Berkeley</i>	2026
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

Service

NeurIPS Reviewer	2025, 2026
ICLR Reviewer	2026, 2027
Conference on Language Modeling (CoLM) Reviewer	2025, 2026
ARR Rolling Review	January 2026, May 2025, February 2025