

CONTACT INFORMATION	<i>E-mail:</i> john.ly.zhou@gmail.com <i>Website:</i> https://johnlyzhou.github.io <i>GitHub:</i> https://github.com/johnlyzhou	
EDUCATION	University of California, Los Angeles , Los Angeles, CA PhD, Neuroscience Advisor: Jonathan Kao	Expected May 2027
	Columbia University , New York, NY BS, Computer Science, <i>magna cum laude</i> Advisor: Liam Paninski	May 2022
HONORS AND AWARDS	UCLA Graduate Division Research Fellowship Columbia Engineering Vaccine Design Challenge (1st Place) U.S. Presidential Scholars Program Nominee National Merit Finalist	2022 2020 2017 2017
PUBLICATIONS	Zhou, J. , Hong, W., and Kao, J.C. "Reciprocal Reward Influence Encourages Cooperation From Self-Interested Agents." Accepted to <i>Advances in Neural Information Processing Systems</i> (NeurIPS 2024).	
	Abe, T., Kinsella, I., Saxena, S., Buchanan, E.K., Couto, J., Briggs, J., Kitt, S.L., Glassman, R., Zhou, J. , Paninski, L., and Cunningham, J.P. "Neuroscience Cloud Analysis As a Service: An open-source platform for scalable, reproducible data analysis." <i>Neuron</i> (2022).	
	Whiteway, M. R., Biderman, D., Friedman, Y., Dipoppa, M., Buchanan, E.K., Wu, A., Zhou, J. , Bonnachi, N., Miska, N.J., Noel, J.R., Rodriguez, E., Schartner, M., Socha, K., Urai, A.E., Salzman, C.D., The International Brain Laboratory, Cunningham, J.P., and Paninski, L. "Partitioning variability in animal behavioral videos using semi-supervised variational autoencoders." <i>PLOS Computational Biology</i> (2021).	
	Swan, G., Geng, J., Park, E., Ding, Q., Zhou, J. , Walcott, C., Zhang, J.J., Huang, H., Hammer, G.E., and Wang, D. "A Requirement of Protein Geranylgeranylation for Chemokine Receptor Signaling and Th17 Cell Function in an Animal Model of Multiple Sclerosis." <i>Frontiers in Immunology</i> (2021).	
WORKSHOPS	Zhou, J. , Kaasyap, S., and Kao, J.C. "Connecting Frameworks for Unsupervised Learning of Temporal Distance-Based Representations." Accepted to <i>Intrinsically-Motivated Open-Ended Learning Workshop</i> (NeurIPS 2024).	
WRITING	Zhou, J. "A Full Dive." <i>Knowing Neurons</i> , 2023.	
TEACHING	University of California, Los Angeles Neuro 205 - Systems Neuroscience (Dean Buonomano) <i>Teaching assistant</i>	Winter 2024
	Engr 96a - Machine Learning (Jacob Schmidt) <i>Guest lecture: Convolutional Neural Networks</i>	Fall 2023
	NeuroTheory Journal Club (Mario Dipoppa)	Winter 2022

Guest lecture: State Space Models

Columbia University

COMS W4701 - Artificial Intelligence (Tony Dear)

Summer 2021

Teaching assistant

RESEARCH
EXPERIENCE

David Geffen School of Medicine, Los Angeles, CA

Jan 2023 - April 2023

Graduate Rotation Student (Mario Dipoppa)

David Geffen School of Medicine, Los Angeles, CA

Sep 2022 - Dec 2022

Graduate Rotation Student (Anne Churchland)

Center for Theoretical Neuroscience, New York, NY

Sep 2020 - Aug 2022

Undergraduate Student Researcher (Liam Paninski)

Duke University School of Medicine, Durham, NC

May 2018 - Aug 2018

Research Assistant (Donghai Wang)

PROFESSIONAL
EXPERIENCE

Cisco Systems, San Jose, CA

May 2020 - Aug 2020

Software Engineer Intern (Identity Services Engine)