

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	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> , 110 (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> , 17 (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> , 12 (2021).	
PREPRINTS	Zhou, J. , Hong, W., and Kao, J.C. "Reciprocal Reward Influence for Multi-Agent Cooperation." (2024). <i>Under review</i> .	
WRITING	Zhou, J. "A Full Dive." <i>Knowing Neurons</i> (2023).	
TEACHING	University of California, Los Angeles EC Engr C247 - Neural Networks & Deep Learning (Jonathan Kao) <i>Guest lecture: Introduction to PyTorch</i> Neuro 205 - Systems Neuroscience (Dean Buonomano) <i>Teaching assistant</i> Engr 96a - Machine Learning (Jacob Schmidt) <i>Guest lecture: Convolutional Neural Networks</i> NeuroTheory Journal Club (Mario Dipoppa) <i>Guest lecture: State Space Models</i>	Winter 2024 Winter 2024 Fall 2023 Winter 2022
	Columbia University	

	COMS W4701 - Artificial Intelligence (Tony Dear) <i>Teaching assistant</i>	Summer 2021
RESEARCH EXPERIENCE	David Geffen School of Medicine , Los Angeles, CA <i>Graduate Rotation Student</i> (Mario Dipoppa)	Jan 2023 - April 2023
	David Geffen School of Medicine , Los Angeles, CA <i>Graduate Rotation Student</i> (Anne Churchland)	Sep 2022 - Dec 2022
	Center for Theoretical Neuroscience , New York, NY <i>Undergraduate Student Researcher</i> (Liam Paninski)	Sep 2020 - Aug 2022
	Duke University School of Medicine , Durham, NC <i>Research Assistant</i> (Donghai Wang)	May 2018 - Aug 2018
PROFESSIONAL EXPERIENCE	Cisco Systems , San Jose, CA <i>Software Engineer Intern</i> (Identity Services Engine)	May 2020 - Aug 2020