

MATTHEW LIU

CONTACT	Email: matthew.liu@cs.stanford.edu Homepage: matthewjzliu.github.io	
EDUCATION	Stanford University Ph.D. Student in Computer Science Advisor: Brian Hie	Stanford, CA 2025 – present
	University of California, Berkeley B.A.s in Applied Mathematics, Computer Science, Statistics	Berkeley, CA 2020 – 2025
RESEARCH EXPERIENCE	Stanford University, Arc Institute Graduate Student Researcher	Palo Alto, CA 2025 – present
	Berkeley Artificial Intelligence Research Undergraduate Student Researcher	Berkeley, CA 2023 – 2025
PROFESSIONAL EXPERIENCE	Sunscreen Tech Software Engineering Intern	Seattle, WA Summer 2023
	Consumer Financial Protection Bureau Research Intern	Washington, D.C. Summer 2022
PUBLICATIONS	Deep models of protein evolution in time generate realistic evolutionary trajectories and functional proteins.	
AND		
PREPRINTS	A. Koehl*, S. Prillo*, <u>M. Liu</u> , J. Xiong, L. Weng, D. F. Savage, Y. S. Song. <i>bioRxiv</i> , 2026. [paper] *equal contribution	
HONORS	Phi Beta Kappa, UC Berkeley	2025
AND	Outstanding MPS Scholars Mentor	2025
AWARDS	L&S Summer Undergraduate Research Fellowship	2024
	Upsilon Pi Epsilon, UC Berkeley	2023
	Outstanding Undergraduate Student Instructor	2022

TEACHING EXPERIENCE	UC Berkeley	
	Undergraduate Student Instructor	
	MATH 54: Linear Algebra & Differential Equations (Fall 2023, Spring 2024)	
	MATH 1A: Calculus I (Fall 2022, Spring 2023)	
	Reader/Tutor	
	CS 176: Algorithms for Computational Biology (Spring 2025)	
	STAT 134: Concepts of Probability (Fall 2021, Spring 2022)	
SERVICE AND OUTREACH	Reviewer	
	ICML 2026 GenBio Workshop	2026
	Mentor	
	Stanford CS Undergraduate Mentoring Program	2025 – present
	Code to PhD Office Hours Host	2025 – present
	UC Berkeley MPS Scholars	2022 – 2025