JEFFREY OUYANG-ZHANG

jozhang@utexas.edu ⋄ jozhang97.github.io

EDUCATION

University of Texas, Austin *Aug. 2020 - Now*
Ph.D. in Computer Science
Advisor: Philipp Krähenbühl

University of California, Berkeley *Aug. 2015 - May 2019*
B.S. in Electrical Engineering and Computer Science
Advisors: Jitendra Malik, Amir Zamir

PUBLICATIONS

[1] *Ambient Proteins: Training Diffusion Models on Low Quality Structures.* Giannis Daras*, **Jeffrey Ouyang-Zhang***, Krithika Ravishankar, William Daspit, Costis Daskalakis, Qiang Liu, Adam Klivans, Daniel J. Diaz. In ArXiv 2025.

[2] *Distilling Structural Representations into Protein Sequence Models.* **Jeffrey Ouyang-Zhang**, Chengyue Gong, Yue Zhao, Philipp Krähenbühl, Adam R Klivans, Daniel J Diaz. In ICLR 2025.

[3] *Predicting a Proteins Stability under a Million Mutations.* **Jeffrey Ouyang-Zhang**, Daniel J Diaz, Adam R Klivans, Philipp Krähenbühl. In NeurIPS 2023.

[4] *Stability Oracle: A Structure-Based Graph-Transformer for Identifying Stabilizing Mutations.* Daniel J Diaz, Chengyue Gong, **Jeffrey Ouyang-Zhang**, James M Loy, Jordan Wells, David Yang, Andrew D Ellington, Alex Dimakis, Adam R Klivans. Nature Communications 2023.

[5] *NMS Strikes Back.* **Jeffrey Ouyang-Zhang**, Jang Hyun Cho, Xingyi Zhou, Philipp Krähenbühl.

[6] *Side-tuning: A Baseline for Network Adaptation via Additive Side Networks.* **Jeffrey O Zhang**, Alexander Sax, Amir Zamir, Leonidas Guibas, Jitendra Malik. In ECCV 2020 (Spotlight).

[7] *Learning to Navigate Using Mid-Level Visual Priors.* Alexander Sax, **Jeffrey O Zhang**, Bradley Emi, Amir Zamir, Silvio Savarese, Leonidas Guibas, Jitendra Malik. In CoRL 2019. Winner of CVPR 2019 Habitat Challenge.

[8] *Modular Architecture for StarCraft II with Deep Reinforcement Learning.* Dennis Lee*, Haoran Tang*, **Jeffrey O Zhang**, Huazhe Xu, Trevor Darrell, Pieter Abbeel. In AIIDE 2018.

EMPLOYMENT

Genesis Therapeutics - Machine Learning Intern May 2025 - Aug. 2025
· Research on designing efficient co-folding models

Meta - Student Researcher May 2022 - Dec. 2022
· Research on large scale self-supervised pre-training of video models.

UC Berkeley - Research Engineer May 2019 - Dec. 2019
· Research on computer vision and reinforcement learning in embodied AI.

LiveRamp - Software Engineering Intern Jun. - Aug. 2017

SAP - Software Engineering Intern May - Aug. 2016

TEACHING

CS394D: Deep Learning, UT Austin - Course Developer Fall 2024

CS342: Neural Networks, UT Austin - Teaching Assistant Fall 2020, Fall 2021

Last Updated: July 4, 2025