

JEFFREY OUYANG-ZHANG

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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

GPA: 3.88/4.0

PUBLICATIONS

- [1] *Distilling Structural Representations into Protein Sequence Models*. **Jeffrey Ouyang-Zhang**, Chengyue Gong, Yue Zhao, Philipp Krähenbühl, Adam R Klivans, Daniel J Diaz. BioArXiv 2024.
- [2] *Predicting a Proteins Stability under a Million Mutations*. **Jeffrey Ouyang-Zhang**, Daniel J Diaz, Adam R Klivans, Philipp Krähenbühl. In NeurIPS 2023.
- [3] *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.
- [4] *NMS Strikes Back*. **Jeffrey Ouyang-Zhang**, Jang Hyun Cho, Xingyi Zhou, Philipp Krähenbühl. Arxiv 2023.
- [5] *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).
- [6] *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.
- [7] *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

Meta - Student Researcher

May 2022 - Dec. 2022

- Research on computer vision, specifically video modeling.

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: January 21, 2025