

Yinbo Chen

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EDUCATION

University of California, San Diego <i>Ph.D. degree. Advised by Prof. Xiaolong Wang.</i>	2025
Tsinghua University <i>B.E. degree. Yao Class, Institute for Interdisciplinary Information Sciences, directed by Prof. Andrew Yao.</i>	2020

EXPERIENCE

OpenAI <i>Research Scientist</i>	<i>Current</i>
GenAI, Meta <i>Research Intern. Work with Ishan Misra, Rohit Girdhar, Sai Saketh Rambhatla</i> <ul style="list-style-type: none">Designed a simple, principled, and scalable image tokenizer based on diffusion loss for image generation, which outperforms prior state-of-the-art image tokenizers with GAN-LPIPS-L1 hybrid losses.	2024
Adobe Research <i>Research Intern. Work with Michael Gharbi, Oliver Wang, Richard Zhang, Eli Shechtman</i> <ul style="list-style-type: none">Designed an image neural field diffusion model, which can learn from arbitrary resolution images by patches, generate high-resolution images, and enable zero-shot editing at any scale based on diffusion inverse problems.	2023
BAIR Lab, University of California, Berkeley <i>Visitor. Advisor: Trevor Darrell</i> <ul style="list-style-type: none">State-of-the-art algorithm for few-shot learning with pre-training and meta-learning.	2019
SAILING Lab, Carnegie Mellon University <i>Visitor. Advisor: Xiaodan Liang, Eric P. Xing</i> <ul style="list-style-type: none">State-of-the-art graph network for zero-shot learning with knowledge graph.	2018

PUBLICATIONS (* INDICATES EQUAL CONTRIBUTION)

Yinbo Chen, Rohit Girdhar, Xiaolong Wang, Sai Saketh Rambhatla, Ishan Misra
Diffusion Autoencoders are Scalable Image Tokenizers
Tech report, 2025

Runjie Yan*, **Yinbo Chen***, Xiaolong Wang
Consistent Flow Distillation for Text-to-3D Generation
International Conference on Learning Representations (ICLR), 2025

Yinbo Chen, Oliver Wang, Richard Zhang, Eli Shechtman, Xiaolong Wang, Michael Gharbi
Image Neural Field Diffusion Models
Computer Vision and Pattern Recognition (CVPR), 2024 (**Highlight**)

Yinbo Chen, Xiaolong Wang
Transformers as Meta-Learners for Implicit Neural Representations
European Conference on Computer Vision (ECCV), 2022

Hanzhe Hu*, **Yinbo Chen***, Jiarui Xu, Shubhankar Borse, Hong Cai, Liwei Wang, Fatih Porikli, Xiaolong Wang
Learning Implicit Feature Alignment Function for Semantic Segmentation
European Conference on Computer Vision (ECCV), 2022

Zeyuan Chen, **Yinbo Chen**, Jingwen Liu, Xingqian Xu, Vidit Goel, Zhangyang Wang, Humphrey Shi, Xiaolong Wang
VideoINR: Learning Video Implicit Neural Representation for Continuous Space-Time Super-Resolution
Computer Vision and Pattern Recognition (CVPR), 2022

Yinbo Chen, Zhuang Liu, Huijuan Xu, Trevor Darrell, Xiaolong Wang
Meta-Baseline: Exploring Simple Meta-Learning for Few-Shot Learning
International Conference on Computer Vision (ICCV), 2021

Yinbo Chen, Sifei Liu, Xiaolong Wang
Learning Continuous Image Representation with Local Implicit Image Function
Computer Vision and Pattern Recognition (CVPR), 2021 (**Oral**)

Yinbo Chen*, Michael Kampffmeyer*, Xiaodan Liang, Hao Wang, Yujia Zhang, Eric P. Xing
Rethinking Knowledge Graph Propagation for Zero-Shot Learning
Computer Vision and Pattern Recognition (CVPR), 2019

AWARDS

Qualcomm Innovation Fellowship	2022
Gold, ACM-ICPC Asia Regional Contest	2017
Fellowship of Xuetang Talents Program, Tsinghua University	2016
Gold, China Team Selection Competition of Informatics Olympiad	2014
Gold, Asia-Pacific Informatics Olympiad	2014
Gold, National Olympiad in Informatics	2014

ACADEMIC SERVICES

Conference Reviewer

International Conference on Learning Representations (ICLR)
Computer Vision and Pattern Recognition (CVPR)
International Conference on Machine Learning (ICML)
European Conference on Computer Vision (ECCV)
International Conference on Computer Vision (ICCV)
Conference on Neural Information Processing Systems (NeurIPS)
International Conference on 3D Vision (3DV)
SIGGRAPH Asia

Journal Reviewer

IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI)