

# Yinbo Chen

[yinboc96@gmail.com](mailto:yinboc96@gmail.com) | [yinboc.github.io](https://yinboc.github.io) | [google scholar](#)

## EDUCATION

**University of California, San Diego** 2025

*Ph.D. degree. Advised by Prof. Xiaolong Wang.*

**Tsinghua University** 2020

*B.E. degree. Yao Class, Institute for Interdisciplinary Information Sciences, directed by Prof. Andrew Yao.*

## EXPERIENCE

**OpenAI** *Current*

*Research Scientist*

**GenAI, Meta** 2024

*Research Intern. Work with Ishan Misra, Rohit Girdhar, Sai Saketh Rambhatla*

- 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.

**Adobe Research** 2023

*Research Intern. Work with Michael Gharbi, Oliver Wang, Richard Zhang, Eli Shechtman*

- 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.

**BAIR Lab, University of California, Berkeley** 2019

*Visitor. Advisor: Trevor Darrell*

- State-of-the-art algorithm for few-shot learning with pre-training and meta-learning.

**SAILING Lab, Carnegie Mellon University** 2018

*Visitor. Advisor: Xiaodan Liang, Eric P. Xing*

- State-of-the-art graph network for zero-shot learning with knowledge graph.

## 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, Vudit 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

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

## ACADEMIC SERVICES

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### 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)