**Yinbo Chen**
yinboc96@gmail.com | yinboc.github.io | google scholar

**EDUCATION**

**University of California, San Diego**
*Current*
*Ph.D. candidate in the ECE department, advised by Prof. Xiaolong Wang.*

**Tsinghua University**
*Yao Class, Institute for Interdisciplinary Information Sciences, directed by Prof. Andrew Yao.*

**EXPERIENCE**

**GenAI, Meta**
*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**
*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**
*Visitor. Advisor: Trevor Darrell*
- State-of-the-art algorithm for few-shot learning with pre-training and meta-learning.

**SAILING Lab, Carnegie Mellon University**
*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*
(In submission)

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)