

HAODONG LI

<https://haodong2000.github.io>

EDUCATION

University of California San Diego

Department of Computer Science and Engineering

09/2025 – Now

La Jolla, California

- **Doctor of Philosophy**
- Supervisor: Prof. [Manmohan Chandraker](#)

Hong Kong University of Science and Technology

Information Hub, Guangzhou Campus

09/2023 – 06/2025

Clear Water Bay, Hong Kong & Guangzhou, China

- **Master of Philosophy**
- Supervisor: Prof. [Ying-Cong Chen](#)

Zhejiang University

College of Control Science and Engineering

09/2019 – 06/2023

Hangzhou, China

- **Bachelor of Engineering**

WORKING EXPERIENCE

Adobe Research

Imaging and Language Organization

06/2026 – Now

San Jose, California

- **Research Scientist Intern**
- Mentors: Dr. [Shaoteng Liu](#), Dr. [Zhe Lin](#)

Tencent Hunyuan

Center of 3D Generation

05/2025 – 09/2025

Shenzhen, China

- **Research Scientist Intern**
- Mentor: Dr. [Chunchao Guo](#)

SELECTED PUBLICATIONS (FULL LIST IN [GOOGLE SCHOLAR](#), *EQUAL CONTRIBUTION)

Learning How the World Evolves: Extrapolative Video World Models via Latent Dynamics Reasoning

<http://lat-dyn-reason.github.io/>

arXiv 2026

Haodong Li, Shaoteng Liu, Tianyu Wang, Chongjian Ge, Sihui Ji, Jiahao Zhang, ..., Zhe Lin, Manmohan Chandraker

TL;DR: LDR learns “how the future evolves” rather than “what the future is”, making it the first video world model that captures the underlying dynamics purely from pixels and extrapolates them beyond the training distribution.

DA²: Depth Anything in Any Direction

<https://depth-any-in-any-dir.github.io/>

ICLR 2026

Haodong Li, Wangguangdong Zheng, Jing He, Yuhao Liu, Xin Lin, Xin Yang, Ying-Cong Chen, Chunchao Guo

TL;DR: Powered by large-scale curated data and a sphere-aware ViT, DA² predicts dense distance from a single 360° panorama in an end-to-end manner, with remarkable geometric fidelity and strong zero-shot generalization.

Lotus: Diffusion-based Visual Foundation Model for High-Quality Dense Prediction

<https://lotus3d.github.io/>

ICLR 2025

Jing He*, Haodong Li*, Wei Yin, Yixun Liang, Leheng Li, Kaiqiang Zhou, Hongbo Zhang, Bingbing Liu, Ying-Cong Chen

TL;DR: Based on Stable Diffusion, Lotus delivers SoTA performance on monocular depth & normal estimation with a simple yet effective fine-tuning protocol that better fits the pre-trained visual prior for dense prediction.

ACADEMIC SERVICE

Reviewer: CVPR 2025 (1), ICLR 2026 (5), CVPR 2026 (2), ICML 2026 (6), SIGGRAPH 2026 (1), ECCV 2026 (2), NeurIPS 2026 (4), WACV 2027 (1), AAAI 2027 (6), 3DV 2027 (3), ICLR 2027 (5).