

Linyi Jin

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Education

University of Michigan

Ph.D. student in Computer Science and Engineering. Advisor: Prof. David Fouhey

Michigan, USA

08.2021- 12.2025

University of Michigan

M.S. in Robotics

Michigan, USA

09.2019–04.2021

University of Michigan

B.S.E. in Computer Science, Summa Cum Lauda

Michigan, USA

09.2017–04.2019

Shanghai Jiao Tong University

B.S.E. in Mechanical Engineering.

Shanghai, China

09.2015–08.2019

Work Experience

Google DeepMind

Researcher Scientist

New York City, NY

12.2025-now

Adobe Research

Research Scientist Intern

Research topic: Video Models. Supervisor: Zhengqi Li.

New York City, NY

05.2025-11.2025

Google DeepMind

Student Researcher

Research topic: 4D reconstruction. Supervisor: Noah Snavely, Aleksander Holýński.

New York City, NY

05.2024-04.2025

Adobe Inc.

Computer Vision Research Intern

Research topic: Camera Calibration. Supervisor: Jianming Zhang.

San Jose, CA

05.2021-08.2021

Fouhey AI Lab

Graduate Student Research Assistant

Advisor: Prof. David Fouhey

Ann Arbor, MI

05.2019–04.2021

Autonomous Robotic Manipulation Lab (ARM Lab)

Undergraduate Research Assistant

Advisor: Prof. Dmitry Berenson

Ann Arbor, MI

04.2018–04.2019

Publication (* indicates equal contribution)

Stereo4D: Learning How Things Move in 3D from Internet Stereo Videos

L. Jin, R. Tucker, Z. Li, D. Fouhey, N. Snavely*, A. Holýński*

CVPR 2025 **Oral**

MegaSaM: Accurate, Fast and Robust Structure and Motion from Casual Dynamic Videos

Z. Li, R. Tucker, F. Cole, Q. Wang, L. Jin, V. Ye, A. Kanazawa, A. Holýński, N. Snavely

Best Paper, Honorable Mention

CVPR 2025

3DFIRES: Few Image 3D REconstruction for Scenes with Hidden Surface

L. Jin, N. Kulkarni, D. Fouhey

CVPR 2024

FAR: Flexible, Accurate and Robust 6DoF Relative Camera Pose Estimation

C. Rockwell, N. Kulkarni, L. Jin, J. Park, J. Johnson, D. Fouhey

CVPR 2024 **Highlight**

Perspective Fields for Single Image Camera Calibration.

L. Jin, J. Zhang, Y. Hold-Geoffroy, O. Wang, K. Matzen, M. Sticha, D. Fouhey

CVPR 2023 **Highlight**

Learning to Predict Scene-Level Implicit 3D from Posed RGBD Data.

N. Kulkarni, L. Jin, J. Johnson, D. Fouhey

CVPR 2023

PlaneFormers: From Sparse View Planes to 3D Reconstruction.

S. Agarwala, L. Jin, C. Rockwell, D. Fouhey

ECCV 2022

Understanding 3D Object Articulation in Internet Videos.

S. Qian, L. Jin, C. Rockwell, S. Chen, D. Fouhey

CVPR 2022

Planar Surface Reconstruction from Sparse Views

L. Jin, S. Qian, A. Owens, D. Fouhey

ICCV 2021 **Oral**

Associative3D: Volumetric Reconstruction from Sparse Views

S. Qian, L. Jin*, D. Fouhey*

ECCV 2020

Inferring Occluded Geometry Improves Performance When Retrieving an Object from Dense Clutter

A. Price, L. Jin*, D. Berenson*

ISRR, 2019

Service

Reviewer: CVPR, ECCV, ICCV, NeurIPS, 3DV, WACV, ICRA, ICML, TPAMI, TCSVT, SIGGRAPH ASIA **2021–**

Teaching: EECS 442 Computer Vision, University of Michigan

01.2019–04.2019