Linyi Jin

✉ jinlinyi@umich.edu　●　🌐 jinlinyi.github.io

Education

University of Michigan | **Michigan, USA**
Ph.D. in Computer Science and Engineering, GPA 3.9/4.0. | *08.2021–04.2025(expected)*
Advisor: Prof. David Fouhey

University of Michigan | **Michigan, USA**
M.S. in Robotics | *09.2019–04.2021*

University of Michigan | **Michigan, USA**
B.S.E. in Computer Science, Summa Cum Lauda | *09.2017–04.2019*

Shanghai Jiao Tong University | **Shanghai, China**
B.S.E. in Mechanical Engineering. | *09.2015–08.2019*

Publication (* indicates equal contribution)

Perspective Fields for Single Image Camera Calibration.
Linyi Jin, Jianming Zhang, Yannick Hold-Geoffroy, Oliver Wang, Kevin Matzen, Matthew Sticha, David Fouhey | *CVPR 2023* **Highlight**

Learning to Predict Scene-Level Implicit 3D from Posed RGBD Data.
Nilesh Kulkarni, Linyi Jin, Justin Johnson, David Fouhey | *CVPR 2023*

PlaneFormers: From Sparse View Planes to 3D Reconstruction.
Samir Agarwala, Linyi Jin, Chris Rockwell, David Fouhey | *ECCV 2022*

Understanding 3D Object Articulation in Internet Videos.
Shengyi Qian, Linyi Jin, Chris Rockwell, Siyi Chen, David Fouhey | *CVPR 2022*

Planar Surface Reconstruction from Sparse Views
Linyi Jin, Shengyi Qian, Andrew Owens, David F. Fouhey | *ICCV 2021* **Oral**

Associative3D: Volumetric Reconstruction from Sparse Views
Shengyi Qian*, Linyi Jin*, David F. Fouhey | *ECCV 2020*

Inferring Occluded Geometry Improves Performance When Retrieving an Object from Dense Clutter
Andrew Price*, Linyi Jin*, Dmitry Berenson | *ISRR, 2019*

Work Experience

Adobe Inc. | **San Jose, CA**
Computer Vision Research Intern | *05.2021-08.2021*
Research topic: Camera Calibration. Supervisor: Jianming Zhang.

Fouhey AI Lab | **Ann Arbor, MI**
Graduate Student Research Assistant | *05.2019–04.2021*
Advisor: Prof. David Fouhey

Autonomous Robotic Manipulation Lab (ARM Lab) | **Ann Arbor, MI**
Undergraduate Research Assistant | *04.2018–04.2019*
Advisor: Prof. Dmitry Berenson

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**