

Shengyi Qian

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CONTACT	University of Michigan Computer Science and Engineering 2260 Hayward Street, Ann Arbor, MI 48109.	syqian@umich.edu https://jasonqsy.github.io
RESEARCH INTERESTS	Computer Vision, especially 3D vision and recognition.	
EDUCATION	University of Michigan. Ph.D. candidate in Computer Science & Engineering. Advisor: David Fouhey.	Ann Arbor, MI 2019 -
	University of Michigan. B.S.E. in Computer Science, <i>Summa Cum Laude</i> (Highest Honors). Advisor: Jia Deng.	Ann Arbor, MI 2017 - 2019
	Shanghai Jiao Tong University. B.S.E. in Electrical and Computer Engineering.	Shanghai, China 2015 - 2017
RESEARCH EXPERIENCE	Facebook AI Research. Research Intern. Supervisor: Georgia Gkioxari.	Menlo Park, CA 05/2021 -
	Fouhey AI Lab (FAIL). Graduate Student Research Assistant (GSRA). Advisor: David Fouhey.	Ann Arbor, MI 2019 -
	Princeton Vision & Learning Lab. Undergraduate Research Assistant. Advisor: Jia Deng.	Princeton, NJ 2018 - 2019
	Michigan Vision & Learning Lab. Undergraduate Research Assistant. Advisor: Jia Deng.	Ann Arbor, MI 2017 - 2018
PUBLICATIONS	(* indicates equal contribution)	
	Planar Surface Reconstruction from Sparse Views. Linyi Jin, <u>Shengyi Qian</u> , Andrew Owens, David Fouhey. arXiv 2021. 📄 Project Page	
	Associative3D: Volumetric Reconstruction from Sparse Views. <u>Shengyi Qian*</u> , Linyi Jin*, David Fouhey. ECCV 2020. 📄 Project Page	

OASIS: A Large-Scale Dataset for Single-Image 3D in the Wild.

Weifeng Chen, [Shengyi Qian](#), David Fan, Noriyuki Kojima, Max Hamilton, Jia Deng.
CVPR 2020.

[Project Page](#)

Learning Single-Image Depth from Videos using Quality Assessment Networks.

Weifeng Chen, [Shengyi Qian](#), Jia Deng.
CVPR 2019.

[Project Page](#)

TALKS

Associative3D: Volumetric Reconstruction from Sparse Views.

ECCV 2020, 08/2020. [Watch here.](#)

Holistic Scene Structures for 3D Vision Workshop at ECCV 2020, 08/2020.

SERVICE

Reviewer:

CVPR 2021, ICCV 2021.

Student Volunteer:

CVPR 2019.

TEACHING

EECS442 Computer Vision, University of Michigan.

01/2019 - 04/2019

Instructional Aide (IA).

Instructor: David Fouhey.

VE280 Programming & Data Structure, SJTU.

05/2019 - 08/2019

Teaching Assistant (TA).

Instructor: Paul Weng, Weikang Qian.

HONORS AND AWARDS

UNIVERSITY OF MICHIGAN:

James B. Angell Scholar.

2019

EECS Scholar Award.

2018, 2019

Summer Undergraduate Research Award.

2019

SHANGHAI JIAO TONG UNIVERSITY:

Junyuan Scholarship.

2017

Undergraduate Excellent Scholarship.

2016

Distinguished Achievement in Extracurricular Activity.

2016

SKILLS

Languages: python, C/C++, JavaScript, Matlab, and others.

Libraries: PyTorch, OpenCV, Open3D, Blender.