

YIFAN WANG

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Bill & Melinda Gates Center for Computer Science and Engineering, University of Washington
Seattle, Washington 98195-2350

EDUCATION

- University of Washington** *Sept. 2018 - Present*
Ph.D. student in Computer Science
Supervisor: Prof. Brian Curless and Prof. Steven Seitz
- ShanghaiTech University** *Sept. 2014 - Jun. 2018*
B.S.E. in Computer Science
- Massachusetts Institute of Technology** *Sept. 2016 - May 2017*
Undergraduate Special Student Program

PUBLICATIONS

- Yifan Wang**, Aleksander Holynski, Xiuming Zhang, and Xuaner Cecilia Zhang. SunStage: Portrait Reconstruction and Relighting using the Sun as a Light Stage. In *The IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2023
- Yifan Wang**, Andrew Liu, Richard Tucker, Jiajun Wu, Brian L. Curless, Steven M. Seitz, and Noah Snavely. Repopulating Street Scenes. In *The IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2021
- Yifan Wang**, Linjie Luo, Xiaohui Shen, and Xing Mei. DynOcc: Learning Single-View Depth from Dynamic Occlusion Cues. In *International Conference on 3D Vision (3DV)*, 2020
- Yifan Wang**, Brian L. Curless, and Steven M. Seitz. People as Scene Probes. In *European Conference on Computer Vision (ECCV)*, 2020
- Zihui Zhu, **Yifan Wang**, Daniel Robinson, Daniel Naiman, Rene Vidal, and Manolis Tsakiris. Dual Principal Component Pursuit: Improved Analysis and Efficient Algorithms. In *Advances In Neural Information Processing Systems (NeurIPS)*, 2018
- Kun Huang, **Yifan Wang**, Zihan Zhou, Tianjiao Ding, Shenghua Gao, and Yi Ma. Learning to Parse Wireframes in Images of Man-Made Environments. In *The IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2018
- Jiajun Wu*, **Yifan Wang***, Tianfan Xue, Xingyuan Sun, William T. Freeman, and Joshua B. Tenenbaum. MarrNet: 3D Shape Reconstruction via 2.5D Sketches. In *Advances In Neural Information Processing Systems (NeurIPS)*, 2017

* indicates equal contributions

WORK EXPERIENCE

- Research Intern, Adobe** Jun. 2021 - Aug. 2021
Mentor: Cecilia Zhang, Xiuming Zhang, Marc Levoy
- Research Intern, Google** Jun. 2020 - Aug. 2020
Mentor: Richard Tucker, Jiajun Wu, Noah Snavely
- Research Intern, ByteDance** Jun. 2019 - Sept. 2019
Mentor: Linjie Luo, Xiaohui Shen, Xin Mei

Research Intern, ByteDance Jul. 2018 - Sept. 2018
Mentor: Jianchao Yang, Xiaohui Shen, Yi Ma

Software Engineer Intern, Hewlett Packard Enterprise Jun. 2016 - Aug. 2016
Worked on website development for project portfolio management

Software Engineer Intern, WiCO Nov. 2014 - Jul. 2015
Worked on Automatic License Plate Recognition (ALPR) on the ADI DSP board

TEACHING EXPERIENCE

University of Washington
Teaching Assistant for CSE 490G1 / 599G1 Introduction to Deep Learning *Autumn 2022*

ShanghaiTech University
Teaching Assistant for CS 140 Algorithms *Fall 2017*
Teaching Assistant for SI 231 Matrix Analysis *Fall 2017*
Teaching Assistant for SI 100 Introduction to Information Science and Technology *Spring 2016*

Massachusetts Institute of Technology
Grader for 6.046 Design and Analysis of Algorithms *Spring 2017*

SELECTED AWARDS AND HONORS

UW Reality Lab - Google Fellowship *Spring 2022*
Outstanding Graduate *Spring 2018*
Dean's Scholarship (Top 5%) *Fall 2016*
Third Prize in SegmentFault Hackathon *Spring 2016*
Excellence Scholarship (Top 15%) *Fall 2015*
Third Prize in ADI University Design Competition *Spring 2015*
Excellence Scholarship (Top 15%) *Fall 2014*