

# YIFAN WANG

(206) 954-8858  $\diamond$  yifan1@cs.washington.edu

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**, 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, 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

---

### **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

---

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*