

Wentao Yuan

Email: wentaoy@cs.washington.edu

Phone: (+1) 909 344 6601

Website: <https://wentaoyuan.github.io>

GitHub: <https://www.github.com/wentaoyuan>

EDUCATION	University of Washington , Seattle, WA <i>Ph.D. in Computer Science</i> Adviser: Dieter Fox	2019 – present
	Carnegie Mellon University , Pittsburgh, PA <i>M.S. in Robotics</i> Adviser: Martial Hebert	2017 – 2019
	Pomona College , Claremont, CA <i>B.A. in Computer Science and Mathematics (Summa Cum Laude)</i>	2013 – 2017
PUBLICATIONS	Wentao Yuan , Zhaoyang Lv, Tanner Schmidt, Steven Lovegrove. STaR: Self-supervised Tracking and Reconstruction of Rigid Objects in Motion with Neural Rendering. In <i>IEEE Conference on Computer Vision and Pattern Recognition (CVPR)</i> , 2021.	
	Ben Eckart, Wentao Yuan , Chao Liu, Jan Kautz. Self-Supervised Learning on 3D Point Clouds by Learning Latent Generative Models. In <i>IEEE Conference on Computer Vision and Pattern Recognition (CVPR)</i> , 2021.	
	Wentao Yuan , Ben Eckart, Kihwan Kim, Varun Jampani, Dieter Fox, Jan Kautz. Deep-GMR: Learning Latent Gaussian Mixture Models for Registration. In <i>European Conference on Computer Vision (ECCV)</i> , 2020 (spotlight).	
	Wentao Yuan , David Held, Christoph Mertz, Martial Hebert. Iterative Transformer Network for 3D Point Cloud. <i>CVPR Workshop on 3D Scene Understanding for Vision, Graphics, and Robotics</i> , Long Beach, USA, 2019.	
	Wentao Yuan , Tejas Khot, David Held, Christoph Mertz, Martial Hebert. PCN: Point Completion Network. In <i>IEEE International Conference on 3D Vision (3DV)</i> , Verona, Italy, 2018 (oral). Best Paper Honorable Mention .	
	Jeffery Rutledge*, Wentao Yuan* , Jane Wu, Zoe Wood, Timmy Gambin, Christopher Clark. Intelligent Shipwreck Search Using Autonomous Underwater Vehicles. In <i>IEEE International Conference on Robotics and Automation (ICRA)</i> , Brisbane, Australia, 2018.	
EXPERIENCE	Facebook Reality Labs Research , Redmond, WA <i>Research Intern</i> Mentor: Tanner Schmidt, Zhaoyang Lv	06/2020 – 09/2020
	NVIDIA , Santa Clara, CA <i>Research Intern</i> Mentor: Ben Eckart, Kihwan Kim	06/2019 – 09/2019
	Google , New York, NY <i>Software Engineering Intern</i>	05/2016 – 08/2016
	Google , Kirkland, WA <i>Engineering Practicum Intern</i>	05/2015 – 08/2015
REVIEWER	Journals : IEEE T-RO, IMAVIS, TPAMI Conferences : IROS 2021	