Bingjie Tang

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EDUCATION

Ph.D.	Computer Science, **University of Southern California**.	Sep.2020-Present
	– Advised by *Gaurav Sukhatme.*	
M.S.	Computer Science, **Brown University**.	Sep.2018-May.2020
	– Advised by *George D. Konidaris & Stefanie A. Tellex.*	
B.S.	Computer Science, **Huazhong University of Sci. and Tech**.	Sep.2014-Jun.2018

PUBLICATIONS

2023   **Bingjie Tang**, Iretiayo Akinola, Jie Xu, Bowen Wen, Ankur Handa, Karl Van Wyk, Dieter Fox, Gaurav Sukhatme, Fabio Ramos, Yashraj Narang. "AutoMate: Specialist and Generalist Assembly Policies over Diverse Geometries." *20th Robotics: Science and Systems (RSS)*, 2024.

2023   **Bingjie Tang***, Michael Lin*, Iretiayo Akinola, Ankur Handa, Gaurav Sukhatme, Fabio Ramos, Dieter Fox, Yashraj Narang. "IndustReal: Transferring Contact-Rich Assembly Tasks from Simulation to Reality." *19th Robotics: Science and Systems (RSS)*, 2023.

2022   **Bingjie Tang**, Gaurav S. Sukhatme "Selective Object Rearrangement in Clutter", *6th Annual Conference on Robot Learning (CoRL)*, December 2022.

2021   **Bingjie Tang**, Matthew Corsaro, Geroge Konidaris, Stefanos Nikolaidis, Stefanie Tellex "Learning Collaborative Pushing and Grasping Policies in Dense Clutter", *IEEE International Conference on Robotics and Automation (ICRA)*, May 2021.

WORKING EXPERIENCE

Seattle Robotics Lab, NVIDIA Corporation, Research Intern.	May.2022 - Present
Manager: Dieter Fox, mentor: Yashraj Narang	
MoE Key Lab, Shanghai Jiao Tong University, Research Assistant.	Dec.2017 - Mar.2018
Technology Engineering Group (TEG), Tencent., SDE Intern.	Jun.2017 - Sep.2017

SKILLS

Programming language: Python, C, C++.
Software: Pytorch, Tensorflow, ROS, Pybullet, CoppeliaSim.

<div align="center">Updated June 2024</div>