

Bingjie Tang

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EDUCATION

- Ph.D. Computer Science, **University of Southern California**. 2020.09-Present
– Advised by *Gaurav Sukhatme*.
- M.S. Computer Science, **Brown University**. 2018.09-2020.05
– Advised by *George D. Konidaris & Stefanie A. Tellex*.
- B.S. Computer Science, **Huazhong University of Sci. and Tech.** 2014.09-2018.06

PUBLICATIONS

- 2024 **Bingjie Tang**, Iretoiyo 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*, Iretoiyo 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, Gerooge 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. 2022.05 - Present
Manager: Dieter Fox, mentor: Yashraj Narang
- MoE Key Lab, Shanghai Jiao Tong University**, Research Assistant. 2017.12 - 2018.03
- Technology Engineering Group (TEG), Tencent.**, Software Engineer Intern. 2017.06 - 2017.09

SKILLS

Programming language: Python, C, C++.

Software: Pytorch, Tensorflow, ROS, Pybullet, CoppeliaSim.

Updated August 2024