



Dr. Russ Tedrake is the Vice President of Robotics Research at Toyota Research Institute (TRI). Dr. Tedrake leads the Large Behavior Models division at TRI, which is building foundation models for dexterous robotic manipulation. The team includes world-class researchers who focus on machine learning (especially computer vision and large multimodal models), dynamics and simulation, human-robot interaction, and hardware and software for dexterous manipulation.

Dr. Tedrake is also the Toyota Professor at the Massachusetts Institute of Technology (MIT) in the Department of Electrical Engineering and Computer Science, Mechanical Engineering, and Aero/Astro and is a member of MIT's Computer Science and Artificial Intelligence Lab (CSAIL).

Dr. Tedrake is a recipient of the 2024 MIT School of Engineering [Distinguished Educator Award](#), the 2024 MIT Electrical Engineering and Computer Science Digital Innovation Award, the 2023 MIT Teaching with Digital Technology Award, the 2021 Jamieson Teaching Award, the National Science Foundation Faculty Early Career Development (CAREER) Award, the MIT Jerome Saltzer Award for undergraduate teaching, the U.S. Defense Advanced Research Projects Agency (DARPA) Young Faculty Award in Mathematics, the 2012 Ruth and Joel Spira Teaching Award, and the Microsoft Research New Faculty Fellowship. His research has been recognized with numerous best paper awards, including Robotics: Science and Systems (RSS), Conference on Robot Learning (CoRL), International Conference on Machine Learning (ICML), International Journal of Robotics Research (IJRR), International Conference on Robotics and Automation (ICRA), Workshop on the Algorithmic Foundations of Robotics (WAFR), IEEE Transactions on Robotics, Computer Vision and Pattern Recognition (CVPR), Humanoids, Hybrid Systems: Computation and Control (HSCC), and the IEEE Technical Committee for Model-based Optimization and the Technical Committee for Whole-body Control.

Dr. Tedrake received a B.S.E. in computer engineering from the University of Michigan in 1999 and a Ph.D. in electrical engineering and computer science from MIT in 2004.