

Neil Jacobstein

Chair of the Artificial Intelligence and Robotics Track at Singularity University

Neil Jacobstein is the chairman of the Artificial Intelligence and Robotics Track at Singularity University whose mission is to educate and empower leaders to apply exponential technologies in support of innovation and growth. He is a founding faculty member and past president of Singularity, which, for close to two decades, has established itself among the organizations greatly influencing the future of business and society.

Exclusively represented by Leading Authorities speakers bureau, Jacobstein is a dynamic speaker who makes advanced technology clear to lay audiences. He delivers an informed, thoughtful, easy-to-understand, and up-to-date view of the future of technology and addresses how technology will impact a variety of industries and tasks, covering both job disruption and new areas for training and education. He also explores the real world applications of AI and robotics, and addresses technical opportunities, business strategies, and ethical issues. Jacobstein is energetic on stage and provides powerful visuals and insights from deep experience in the field and customizes his talks to his audiences' industries, while providing an open and interactive Q&A.

Jacobstein has served and contributed to a wide variety of consulting and board roles for industry, startup, nonprofit, and government organizations. He is a Henry Crown Fellow at the Aspen Institute US, and a founder and Board Director of the Aspen Institute in New Zealand. He continues to moderate many Aspen Institute seminars on the technical and ethical implications of exponential technologies ranging from AI and robotics to digital media and advanced manufacturing. He continues to track leading edge technology developments closely and consults actively in machine learning applications. Jacobstein was the lead author of an AI in New Zealand report published in 2022 by investment bank Forsyth Barr.

From 2007 to 2022, he was a MediaX Distinguished Visiting Scholar at Stanford University, where his work focused on augmented decision systems that enhance human decision making. Previously, Jacobstein was appointed by the US National Academy of Sciences, Engineering, and Medicine to the Earth and Life Studies Committee for the period 2015-2021. He was appointed in 2020 to the Academy's Strategic Planning Committee and is an active mentor to the Academy's New Voices Program. Jacobstein was a founding Editorial Board member of the American Association for the Advancement of Science's (AAAS) *Science Robotics* journal (ranked #1 in the field) and served as an editor there for six years. Jacobstein has been actively involved in applying AI to practical business problems for more than 25 years. He has AI system building and technical R&D consulting experience with a long list of industrial and governmental partners, including Deloitte, PWC, GM, Ford, GE, Applied Materials, VMware, Texas Medical Center, NASA, Defense Advanced Research Projects Agency, National Science Foundation, NIH, EPA, DOE, the U.S. Army, the U.S. Air Force, National Institute of Standards and Technology, LPPC, Sony, Fujitsu, Reply, Samsung, and more. He was CEO of Teknowledge Corporation, a pioneering AI company that worked on AI applications systems for industry and government. He also chaired the Association for the Advancement of Artificial Intelligence's 17th Innovative Applications of Artificial Intelligence conference. Neil was a Graduate Research Intern in Alan Kay's Learning Research Group at Xerox Palo Alto Research Center, and a consultant in PARC's Software Concepts Group. Since 1992, he has served as Chairman of the Institute for Molecular Manufacturing, a 501c3 nanotechnology and advanced manufacturing R&D organization.

Jacobstein is deeply interdisciplinary and has a keen sense of how the arts, humanities, and sciences can integrate. He is known for honoring the technical, business, and ethical aspects of AI and has given invited talks worldwide on the technical, business, and ethical implications of AI and exponential technologies. He has served in a wide variety of executive and advisory roles for industry, startup, nonprofit, and government organizations.