

## 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, inspire and empower a new generation of leaders to apply exponential technologies”. He is a founding faculty member and past president of Singularity, which is now over ten years old. He is a mediaX distinguished visiting scholar at Stanford University, where his research focuses on augmented decision systems.

**Dynamic speaker makes technology clear to lay audiences.** Jacobstein delivers an informed, thoughtful, easy to understand, and up-to-date view of the future of technology. He addresses how technology will impact a variety of tasks and industries, covering both job disruption and new areas for training and education. He explores the real-world applications of AI and Robotics, and addresses technical opportunities, business strategies, and ethical issues. Energetic on stage, he provides powerful visuals and insights from deep experience in the field. Jacobstein customizes his talks to his audiences’ industries, and provides an open and interactive Q&A.

**Sought-after technical expert.** 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, Boeing, GM, Ford, GE, Applied Materials, Texas Medical Center, NASA, Defense Advanced Research Projects Agency, National Science Foundation, NIH, EPA, DOE, the U.S. Army, the U.S. Air Force, GM, Ford, Boeing, Applied Materials, National Institute of Standards and Technology, and more. He was CEO of Teknowledge Corporation, a pioneering AI company that worked on AI applications systems for industry and government. Jacobstein chaired the Association for the Advancement of Artificial Intelligence’s 17th Innovative Applications of Artificial Intelligence conference and continues to review technical papers on the IAAI Technical Program Committee. 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 R&D organization. He was appointed in 2016 to the Founding Editorial Board of the American Association for the Advancement of Science’s (AAAS) Science Robotics journal.

**Integration of technology, business, and ethics.** Jacobstein is deeply interdisciplinary and has a keen sense of how the arts and sciences can integrate. He was appointed by the US National Academy of Sciences, Engineering, and Medicine to the Earth and Life Studies Committee for the period 2015-2021. Jacobstein is a Henry Crown Fellow at the Aspen Institute. He has moderated many Aspen Institute seminars on the technical and ethical implications of advanced technologies. Jacobstein 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.