Stanford



Achintya K. Bhowmik, PhD

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Bio

BIO

Dr. Achin Bhowmik serves on the faculty of Stanford University as an adjunct professor at the Stanford School of Medicine, where he advises research and lectures in the areas of sensory augmentation, computational perception, cognitive neuroscience, and intelligent systems. He is also an affiliate faculty member of the Stanford Institute for Human-Centered Artificial Intelligence, Wu Tsai Neurosciences Institute and Human Performance Alliance, and has served as a mentor for the Stanford Institutes of Medicine Summer Research Program.

Dr. Bhowmik is the chief technology officer and executive vice president of engineering at Starkey Hearing Technologies, a privately-held medical devices company with over 6,000 employees and operations in over 100 countries worldwide. In this role, he is responsible for the company's technology strategy, research and development, engineering and program management departments, and leading the drive to transform hearing aids into multifunction wearable health and communication devices with advanced sensors and artificial intelligence.

Previously, Dr. Bhowmik was the vice president and general manager of Perceptual Computing at Intel, where he was responsible for the R&D, engineering, operations, and businesses in the areas of 3D sensing and interactive computing, including Intel RealSense, computer vision and artificial intelligence, autonomous robots and drones, and immersive virtual and mixed reality devices.

Dr. Bhowmik serves as an industry representative for the US FDA Digital Health Advisory Committee. He is a member of the Forbes Technology Council, board of directors for Mojo Vision, RealSense, Astranu, and OpenCV. He also serves on the board of trustees for the National Captioning Institute and on advisory boards for the Fung Institute for Engineering Leadership at the University of California, Berkeley, and Biomedical Engineering at the University of Minnesota. He is also on the board of advisors for several technology startup companies.

He has also held adjunct and guest professor positions at the University of California, Berkeley, Liquid Crystal Institute of the Kent State University, Kyung Hee University, Seoul, and the Indian Institute of Technology, Gandhinagar. He received his Bachelor of Technology from the Indian Institute of Technology, Kanpur, PhD from Auburn University, and attended the Executive Program at Stanford University. He has authored over 200 publications, including three books and 98 granted patents globally.

Dr. Bhowmik is a Fellow of the Institute of Electrical and Electronics Engineers (IEEE), the American Institute for Medical and Biological Engineering (AIMBE), the International Academy of Artificial Intelligence Sciences (AAIS), and the Society for Information Display (SID), where he previously served as President. His other honors include the Artificial Intelligence Excellence award by the Business Intelligence Group, Gold Globee award for "the Most

Innovative Person of the Year in Healthcare", the Misties Award, Top 25 Healthcare Technology CTOs by the Healthcare Technology Report, Notable Leaders in Healthcare by Twin Cities Business, the Healthcare Heroes award by the Business Journals, the Industrial Distinguished Leader award from the Asia-Pacific Signal and Information Processing Association, TIME's Best Inventions, and the Red Dot Design award.

INSTITUTE AFFILIATIONS

- Member, Wu Tsai Human Performance Alliance
- Member, Wu Tsai Neurosciences Institute