



# JOHN HU

AAEOY Engineer of the Year

## PROFILE

Senior Director, Advanced Technology Group  
Nvidia

## CITATION

Distinguished contributions to GPU architecture, AI computing, semiconductor innovation, and engineering mentorship through technology leadership, investment, and professional service

**Dr. John Hu** is a technology leader, investor, and community builder with nearly 30 years of experience advancing AI and semiconductor innovation.

As Senior Director of the Advanced Technology Group at NVIDIA, he has led the R&D and productization of multiple generations of leading-edge GPU and AI technologies across the full stack, while building strategic partnerships across the IC industry and academia. Prior to joining NVIDIA in 2005, he held engineering roles at LSI Logic and Sun Microsystems. Dr. Hu is also a founding partner of GtVision Ventures, where he invests in AI, robotics, semiconductors, medical devices, and digital health.

A strong advocate for engineering education and leadership development, he has supported research, scholarships, and advisory efforts at institutions including Johns Hopkins University, Stanford University, University of California Los Angeles, and University of Science and Technology of China. He has also contributed extensively to the broader engineering community, serving as a chair or a board member to organizations such as the University of Science and Technology of China Alumni Foundation, the NVIDIA Foundation, the Hu Institute Foundation, Silicon Valley VIP Club etc. He has served as a committee member and reviewer for leading conferences including IEEE International Electron Devices Meeting. John has also actively mentored engineering managers and students, supporting the next generation of technical leaders.

Dr. Hu holds a BS from the University of Science and Technology of China and a PhD from Auburn University in solid-state physics and microelectronics.

