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Andrew Ng

Andrew Yan-Tak Ng (Chinese: 吳恩達; born April 18, 1976[2]) is a British-American computer scientist and technology entrepreneur focusing on machine learning and artificial intelligence (AI).[3] Ng was a cofounder and head of Google Brain and was the former Chief Scientist at Baidu, building the company's Artificial Intelligence Group into a team of several thousand people.[4]

Ng is an adjunct professor at Stanford University (formerly associate professor and Director of its Stanford AI Lab or SAIL). Ng has also worked in the field of online education, cofounding Coursera and DeepLearning.AI.[5] He has spearheaded many efforts to "democratize deep learning" teaching over 8 million students through his online courses.[6][3][7] Ng is renowned globally in computer science, recognized in Time magazine's 100 Most Influential People in 2012 and Fast Company's Most Creative People in 2014. His influence extends to being named in the Time100 AI Most Influential People in 2023.[7]

In 2018, he launched and currently heads the AI Fund, initially a $175-million investment fund for backing artificial intelligence startups. He has founded Landing AI, which provides AI-powered SaaS products.[8]

On April 11, 2024, Amazon announced the appointment of Ng to its board of directors.[9]

Biography

Ng was born in London,[10] in 1976 to Ronald Paul Ng, a hematologist and lecturer at UCL Medical School, and Tisa Ho, an arts administrator working at the London Film Festival.[11][12][13] His parents were both immigrants from Hong Kong. He has at least one brother.[12] Ng and his family moved back to Hong Kong and he spent his early years there. At the age of six

Andrew Ng	
	Ng in 2017
Born	Andrew Yan-Tak Ng April 18, 1976 London, United Kingdom
Education	Carnegie Mellon University (BS) Massachusetts Institute of Technology (MS) University of California, Berkeley (PhD)
Known for	His work in artificial intelligence, deep learning, MOOC, and education technology
Spouse	Carol E. Reiley (m. 2014)
Children	2
Mother	Tisa Ho
Awards	2007 Sloan Fellowship 2008 *MIT Technology Review TR*35 2009 IJCAI Computers and Thought Award

he began learning the basics of programming through some books. In 1984 he and his family moved to Singapore.[10] Ng attended and graduated from Raffles Institution.[14] During his high school years, he demonstrated exceptional mathematical ability, winning a Silver Medal at the International Mathematical Olympiad.[15]

In 1997, he earned his undergraduate degree with a triple major in computer science, statistics, and economics from Carnegie Mellon University in Pittsburgh, Pennsylvania. Between 1996 and 1998 he also conducted research on reinforcement learning, model selection, and feature selection at the AT&T Bell Labs.[16]

In 1998, Ng earned his master's degree in Electrical Engineering and Computer Science from the Massachusetts Institute of Technology (MIT) in Cambridge, Massachusetts. At MIT, he built the first publicly available, automatically indexed web-search engine for research papers on the web. It was a precursor to CiteSeerX/ResearchIndex, but specialized in machine learning.[16]

In 2002, he received his Doctor of Philosophy (Ph.D.) in Computer Science from the University of California, Berkeley, under the supervision of Michael I. Jordan. His thesis is titled "Shaping and policy search in reinforcement learning" and is well-cited to this day.[16][17]

He started working as an assistant professor at Stanford University in 2002 and as an associate professor in 2009.[18]

He currently lives in Los Altos Hills, California. In 2014, he married Carol E. Reiley.[19] They have two children: a daughter born in 2019[20] and a son born in 2021.[21] The *MIT Technology Review* named Ng and Reiley an "AI power couple".[22][23]

	2013 *Time* 100 Most Influential People
	2013 *Fortune*'s 40 under 40
	2013 CNN 10
	2014 *Fast Company*'s Most Creative People in Business
	2015 World Economic Forum Young Global Leaders
	2023 Time 100 Most Influential People in AI[1]
Scientific career	
Fields	Computer science, artificial intelligence, machine learning, natural language processing, computer vision
Institutions	Stanford University Google Brain Coursera Baidu
Thesis	*Shaping and policy search in reinforcement learning (https://www.cs.ubc.ca/~nando/550-2006/handouts/andrew-ng.pdf)* (2003)
Doctoral advisor	Michael I. Jordan
Notable students	Ian Goodfellow David Stavens Pieter Abbeel Quoc Viet Le Ashutosh Saxena
Website	andrewng.org (https://andrewng.org)

Andrew Ng	
Traditional Chinese	吳恩達
Simplified Chinese	吴恩达
Transcriptions	