



## QUALIFICATIONS

Doctor of Innovation  
Singapore Management University

Master of Business Administration  
Nanyang Technological University

Bachelor of Electrical Engineering  
National University of Singapore

Science, Technology & Innovation  
Policy Certificate  
Harvard University

Certificate in Strategy & Innovation  
Massachusetts Institute of Technology

## PROFILE

Dr. Neo has distinguished himself internationally and locally as an engineer, educator and entrepreneur.

For his contribution to the engineering profession, he achieved international, regional and local recognitions as Fellow of Royal Aeronautical Society (FRAeS), Honorary Fellow of ASEAN Federation of Engineering Organisations (FAFEO), Fellow of Institution of Engineers, Singapore (FIES). He was also appointed to the Engineering Accreditation Board (EAB).

For his promotions of innovations to industry, he received the USA Department of Veterans' Affairs Innovation Award (VAi2) for the development of world 1<sup>st</sup> automated wearable portable artificial kidney (AWAK), the IES Prestigious Engineering Achievement Award for the development of Singapore 1<sup>st</sup> eVTOL ('flying car'). He also received the President's Design Award for 3D printer design. He is the current co-convenor of the national ISO 56000 Innovation Management System.

For his contributions to international technology policy and education, he was appointed as Associate Faculty (Science Technology & Globalisation) at Harvard Kennedy School and design/teach as faculty of the high-level executive programmes such as "Innovation for Economic Development" and "Technology, Innovation & Entrepreneurship" for policy makers. He was also appointed as UNDP Visiting Professor of Social Innovation & Entrepreneurship in 2019.

For his contributions to society & community, he received the MSF Long-Service Award (Foster Parenting) in 2024, and PA Community Development Award 2002 and PA Community Club Management Committee 1999. He is also a volunteer of Community on Patrol (CoP) with Singapore Police Force.

For his contributions to education and life-long learning, he was awarded the SkillsFuture Fellowship 2023 by President of Singapore. He is an Adjunct Professor with Singapore Institute of Technology and has taught as adjunct faculty/instructor on innovation and entrepreneurship at NUS, NTU, SMU and SUSS. As a renowned practitioner-academic in innovation and entrepreneurship, he has taught in leading universities including Harvard, Tsinghua, Fudan and Indian School of Business.

For his contributions to his employer (ST Engineering), he rose from a system engineer to product manager, marketing manager, regional business manager, general managers (on sites in Silicon Valley and Shanghai) to vice-president (business development and strategic planning) from 1991 – 2002. He was awarded the ST Computer post-graduate scholarship and the Hewlett-Packard MBA scholarship during this period.