



Patrick Ng

Venture Creation Instructor & Deep-Tech Mentor

ACLP-Certified Instructor, Singapore Certified Management Consultant

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SUSS EXCELLENCE IN TEACHING AWARD 2025

SUSS EXCELLENCE IN TEACHING AWARD 2024

BIOGRAPHY

Patrick Ng bridges the gap between deep technology and successful ventures. As a certified instructor (ACLP) and mentor for venture creation programmes, he empowers entrepreneurs to navigate the complexities of building and scaling deep-tech companies. His guidance is rooted in over twenty-five years of hands-on experience as a corporate innovation leader, technopreneur and prolific inventor with twelve patent families to his name, spanning cybersecurity algorithms to energy optimisation.

He is Lead Instructor of the SUSS Impact Startup Challenge, teaching regional tracks in Shenzhen, Bangkok and Ho Chi Minh City, and has led instruction for the NUS Masters in Venture Creation Lean Startup Practicum, NTU Lean Launchpad Singapore and SUSS Designing Impactful Ventures. He has run masterclasses and workshops for organisations including A*STAR, the Institute of Technical Education, UOB FinLab, Temasek Polytechnic and NTU, and serves as a business coach on the NTU and SMU Executive Leadership for Transformation programmes.

Before founding Spark Launchpad in 2020, he held Director of Innovation Hub at HARTING Singapore, CEO of Fringe Analytics, Head of R&D at Barghest Building Performance, and Principal Technology Manager at IPI Singapore, alongside earlier engineering roles at Rockwell Automation and Agilent Technologies.

AREAS OF EXPERTISE

Venture creation and lean startup methodology

Lead instruction across NUS, NTU and SUSS venture-creation programmes, teaching founders to validate and scale deep-tech ventures.

Deep-tech IP strategy and commercialisation

IP strategy, QA and certification instruction drawn from twenty-five years as an inventor holding twelve patent families across cybersecurity and energy optimisation.

Business Model Canvas and go-to-market design

Practical workshops on business-model design and go-to-market strategy for corporates, startups and researchers.

EXPERIENCE

2020, present	Founder Spark Launchpad
2023 to 2025	Director of Innovation Hub HARTING Singapore Pte Ltd
2022 to 2023	CEO Fringe Analytics Pte Ltd
2019 to 2021	Head of R&D (Director) Barghest Building Performance Pte Ltd
2015 to 2019	Principal Technology Manager IPI Singapore