



Cultivating Talents for a Digital Future

FSTE-HKCAAVQ Forum
Education 4.0: Conceptualizing Higher Education in
the Future of Work

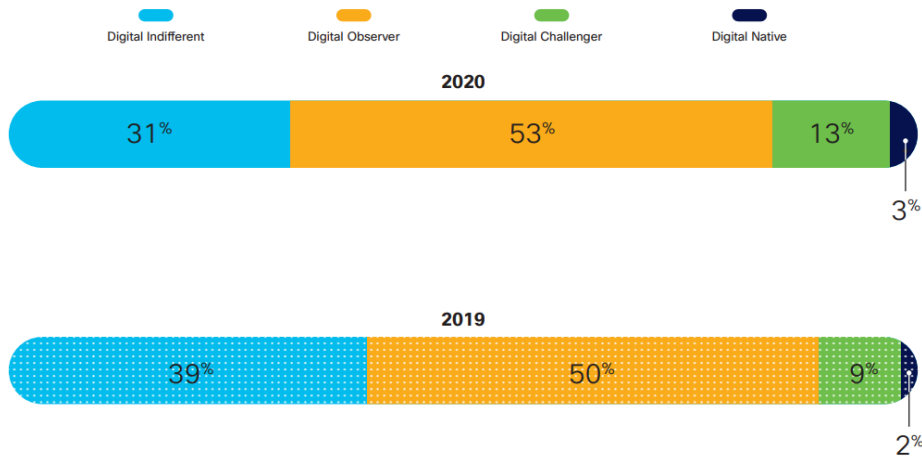
Peter Yan
Chief Executive Officer
Cyberport
29 November 2021

www.cyberport.hk

數碼港
Cyberport

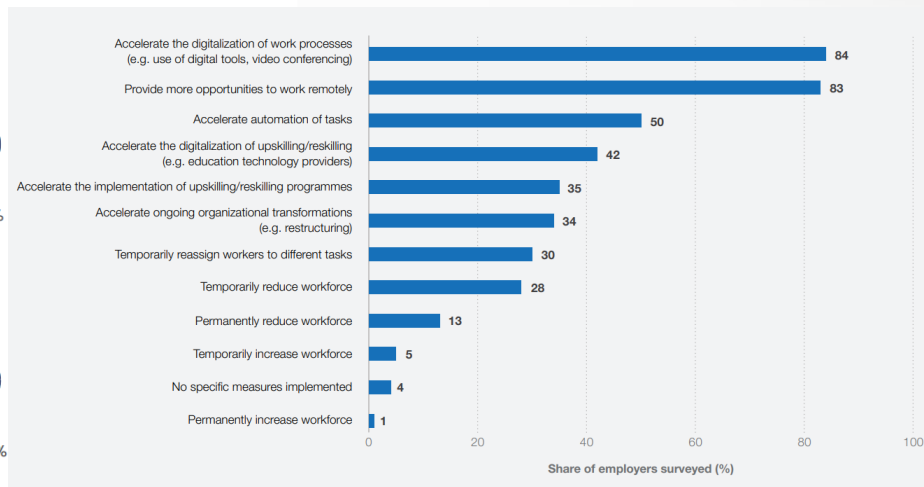
SMEs and Corporates Taking a Quantum Leap in Digital Transformation

SME



Source: IDS-CISCO 2020 Asia Pacific SMB Digital Maturity Study

Corporate
















Source: World Economic Forum



2019 VS 2020
8% SMEs embracing digital transformation

Tasks Automation
→ By 2025, robotics will replace 85 million human jobs

Skill Gap in the Current Labour Market

Rank	Digital Indifferent STAGE 1	Digital Observer STAGE 2	Digital Challenger STAGE 3	Digital Native STAGE 4
1	 Shortage of digital skills and talent within my company			
2	 Lack of necessary technologies to enable digital transformation		 Lack of insight into operational and customer data	
3	 Lack of digital mindset/cultural challenges in the organization	 Lack of budget/commitment from management	 Lack of necessary technologies to enable digital transformation	
4	 Lack of insight into operational and customer data	 Lack of digital mindset/cultural challenges in the organization	 Lack of budget/commitment from management	 Lack of a proper digital transformation roadmap
5	 Lack of budget/commitment from management	 Lack of insight into operational and customer data	 Cultural resistance to change	

Digitalization Challenges



17%
Lack of talent



14%
Lack of enabling technologies



11%
Lack of commitment

Source: IDS-CISCO 2020 Asia Pacific SMB Digital Maturity Study

Shortage of Tech Talents in the market at ALL stages

Future talents will have to be equipped with...



Analytical thinking and innovation



Active learning and learning strategies



Complex problem-solving



Critical thinking and analysis



Creativity, originality and initiative



Leadership and social influence



Technology use, monitoring and control



Technology design and programming



Resilience, stress tolerance and flexibility



Reasoning, problem-solving and ideation

Source: World Economic Forum

1. Problem-solving skills
2. Self-management
3. Leadership skills
4. Technology use and development

Cyberport aspires to be the hub for **digital technology**, creating a key economic driver for Hong Kong

Over **800** Cyberport Digital Community Members On-site

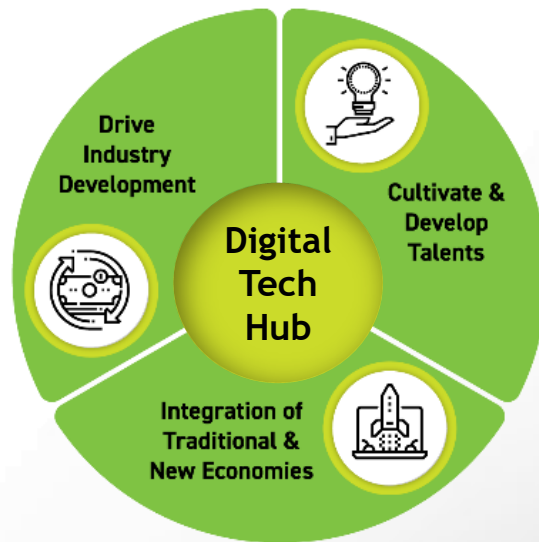
Unicorns



Virtual Banks



Virtual Insurers



Key STEAM Initiatives 2021/22

Funding
Promotion and
Support

Tech Knowledge
Sharing and
Education

Youth
Development &
School
Engagement

Showcase
Opportunity

International
Exposure &
Investment
Opportunities



香港特別行政區政府
政府資訊科技總監辦公室
Office of the Government
Chief Information Officer
The Government of the HKSAR



And more...



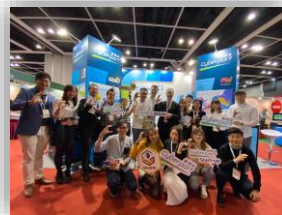
Curate knowledge
channel and promote
scanned STEAM
education packages to
educators



20 solutions selected to
60 schools for solution
matching



Learning &
Teaching Expo 2021
學與教博覽2021



薯片叔叔共創社
esperanza

edventures GBA
Global Business Acceleration Fellowship



Development of Talents in Sustainability



Green Economy is estimated to generate 15 - 60 million additional jobs in the coming 20 years

Source: UNICEF and World Business Council for Sustainable Development

For youth



2021 Co-Crete Smart Park Challenge

Green Finance Speakers Series
Academy

Overview - The Best Practice, International Policy and Measures (Session 1)

29 Jul (Thu) | 3pm - 4:30pm | Cantonese
Online Seminar [Register Now!](#)

Speaker: Dr William Yu, CEO, World Green Organisation
Facilitator: Patrick Lam, Management Trainer, HKEX
Facilitator: Samson Lam, Management Trainer, Qudegree

Your Springboard to Success **Cyberport**

For industry practitioners

Green Finance Speakers Series

For start-ups



WGO ESG Accelerator Programme

EdTech – Talent Cultivation for the 21st Century

Game-based and Immersive Learning Solutions /
Interactive Technology (e.g. AI /Big data analysis, VR/AR)

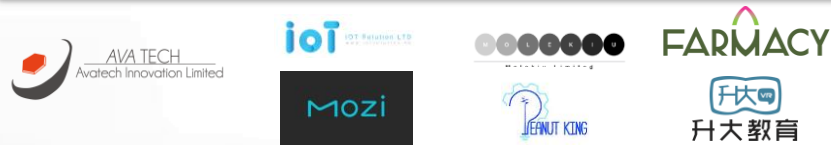


Management Systems
(e.g. School Admin System, Mobile device and data management)



Superior Education
Development Centre

Educational Equipment
(e.g. STEAM Equipment, Robotics)



eLearning Technology and Solutions



Other Smart Campus Solutions
(e.g. design technology, 3D printer, video conferencing, school
network and hardware)



157+ companies in total
EdTech & STEAM Education focused

Technology Training, Internships and Entrepreneurship Development

For university students

Cyberport University Partnership Programme



Cyberport Scale-up Placement Programme



Cyberport Digital Tech Internship Programme



Youth Start-up Internship Programme



For industry practitioners

Cyberport Financial Practitioners FinTech Training Programme



Cyberport Academy workshops



For tapping into GBA market

Greater Bay Area Youth Employment Scheme



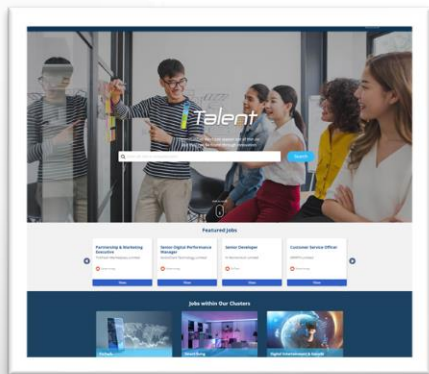
Cyberport Greater Bay Area Young Entrepreneurship Programme



Cyberport Career Initiatives

Cyberport Digital Tech Internship Programme

- Interns under STEM INTERNSHIP SCHEME can join for enrichment activities and receive Cyberport recognition



iTalent

- An Integrated Talent Acquisition Platform for Cyberport Community
- <https://italent.cyberport.hk/>

Youth Start-up Internship Programme

- Subsidized by Home Affairs Bureau, it provides short-term internship experience with salary subsidies to support youths for working in Cyberport start-up companies



Digital Tech Recruits

- Subsidized by Labour Department, a one-month work trial to let ERB Trainee to have a digital tech experience (Artificial Intelligence |Blockchain |Cloud Computing |Big Data |E-Commerce)

Cyberport Scale-up Placement Programme

- Non-paid (Credit-bearing curriculum)
- Different disciplines students
- Internship period vary over universities' academic calendar

Cyberport Virtual Career Fair

- Offering the best programme line-up to create the most opportunities for both recruiters and job seekers to make right choices (e.g., company booths, educational/industry symposium, career talks by recruiters)



Your Springboard to Success!

www.cyberport.hk