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be **OPEN**
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More digital initiatives@HKBU

Eric Chow Centre Executive | Apps Resource Centre | HKBU

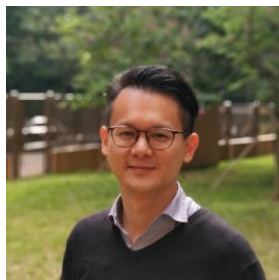
Pauline Lam Scholarly Communications Librarian | Library | HKBU

Digital Scholarship Symposium 2020 | Hong Kong Baptist University Library
20 Oct 2020



Pauline Lam

- Provides support to help HKBU community tackle scholarly challenges
- Areas include copyright, research impact metrics, publishing and more...



Eric Chow

- Manages the development of educational mobile apps
- Mentorship for students in coding education

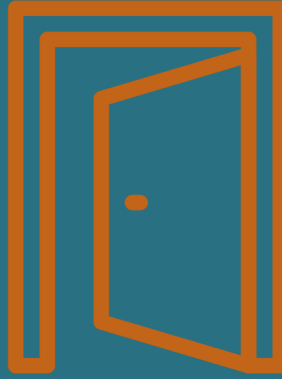
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educated by Turkkub
from the Noun Project



be **OPEN**

Open by rivercon
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be **STRATEGIC**

strategy by Olivia
from the Noun Project



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2022 Skills Outlook

Growing

- 1 Analytical thinking and innovation
- 2 Active learning and learning strategies
- 3 Creativity, originality and initiative
- 4 Technology design and programming
- 5 Critical thinking and analysis
- 6 Complex problem-solving
- 7 Leadership and social influence
- 8 Emotional intelligence
- 9 Reasoning, problem-solving and ideation
- 10 Systems analysis and evaluation

Declining

- 1 Manual dexterity, endurance and precision
- 2 Memory, verbal, auditory and spatial abilities
- 3 Management of financial, material resources
- 4 Technology installation and maintenance
- 5 Reading, writing, math and active listening
- 6 Management of personnel
- 7 Quality control and safety awareness
- 8 Coordination and time management
- 9 Visual, auditory and speech abilities
- 10 Technology use, monitoring and control

WORLD
ECONOMIC
FORUM

COMMITTED TO
IMPROVING THE STATE
OF THE WORLD

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Coding Literacy

An important type of 21th Century digital literacy

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1101001001
0101010100

1. Help liberal arts (non-CS) students overcome the barrier of learning to code

Misconception ▶ coding requires math expertise



2. Contextualize learning to students' own field of study

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Mentoring non-CS students

Develop mobile apps catered to their own disciplines



DON'T MISS 去年攝裝修配對平台 72歲梁樹佳最大嗜好：工作 (譚潔英)

f Search site

浸大中醫學生開發食療App

By 信報財經新聞 on May 26, 2020

Like 564 people like this. Be the first of your friends.

原文刊於信報財經新聞「StartupBeat創科鬥室」

浸大四名中醫系學生譚凱瑩（前排左起）、黃子倩、陳康琦與李曉殷（後）合力開發Foodmula，以健康飲食推廣中醫文化。（浸大圖片）

都市人生活節奏急促，身體容易出現各種問題，其實只要改善生活習慣，許多小毛病可不藥而癒。香港浸會大學4名中醫系學生，最近開發了名為Foodmula的手機應用程式

創科解密

共創金融科技新機遇

JUMPSTARTER 環球創業比賽

STARTUPBEAT VIDEO

抽血基因檢測 加快癌病斷症 StartUpBeat 創科鬥室 醫科攻東商

蔣耀輝

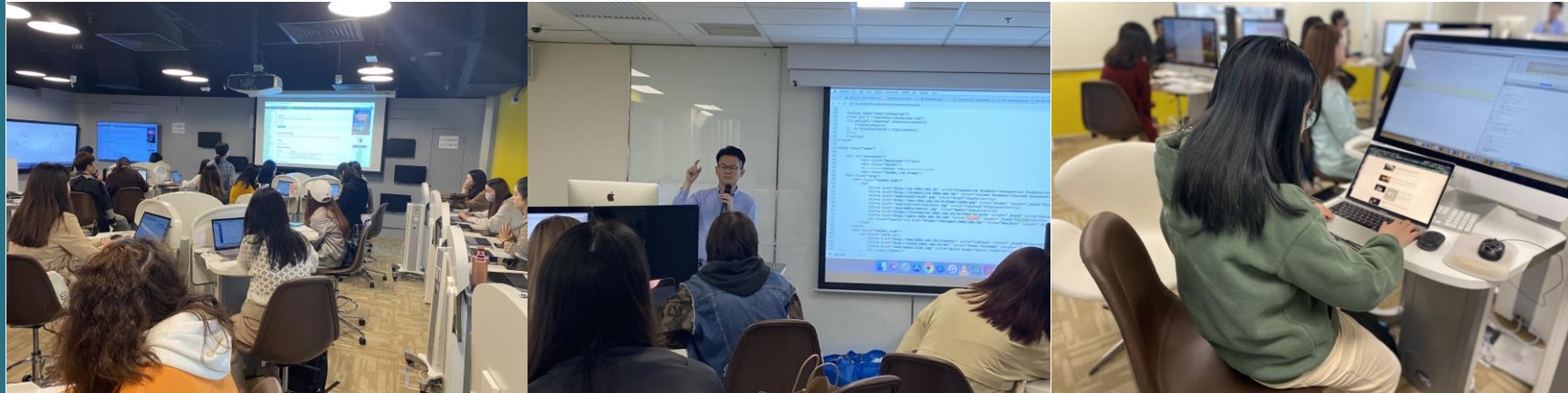
立即訂閱

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Basic Python Programming




Coding workshop (web scraping) for journalism students

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Basic Python Programming



The screenshot shows a video player interface. The main content is a presentation slide with a light blue background. On the left side of the slide, there is a logo for 'Apps Resource Centre' (流動程式教學資源中心) and the text 'Why learn Python?'. On the right side, there are two bullet points: '• Easy language to start learning' and '• Popular for data processing and visualization'. Below the text is a data visualization featuring various charts, bar graphs, and a world map. In the top right corner of the video player, there is a small video feed of a person wearing a headset, with the name 'Ho Chi Eric Chow' displayed below it. The video player controls are visible at the bottom.

<http://hkbutube.lib.hkbu.edu.hk/st/display.php?bibno=st960>

Online Workshop

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Basic Python Programming Tutorials

Non-English resources (Guo, 2018) - Cantonese & Putonghua

The screenshot displays the website for Digital Scholarship Services at Hong Kong Baptist University. The header includes the university's name in Chinese and English, the library logo, and the Access Resource Centre. The main navigation bar lists 'Digital Scholarship Services', 'Scholarly Communication Services', and 'Research Data Services'. The page title is 'Data Software Training Videos' with the Chinese translation '數據工具網上課程'. A descriptive paragraph states: 'These videos are specifically designed for local students who have no prior knowledge about programming and statistics. 這些影片專為本地學生而錄製，觀看者無需任何編程及統計學知識。' Below this, three video thumbnails are shown: two for Python (one in Cantonese and one in Putonghua) and one for SPSS (Cantonese). Each thumbnail features the respective software logo on a teal background.

<https://digital.lib.hkbu.edu.hk/digital/rdt-course/index.php>

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Metrics Literacy

Educating Researchers and Research
Support Staff on Scholarly Metrics

Stefanie Haustein stefanie.haustein@uottawa.ca | @stefhaustein | #ScholCommLab



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Scholars are overwhelmed by too much to read.



Why do Some Species Thrive in Cities?

945,757 views

17K 200 50K 500 ...



THE HIGGS BOSON 01 - F1
The Higgs Boson, Part I

2,425,390 views

21K 250 50K 500 ...

Why not provide audio-visual material instead of text?

The Ebola Virus Explained — How Your Body Fights For Survival

6,987,943 views

101K 1.2K 50K 500 ...



Why Do We Have More Boys Than Girls?

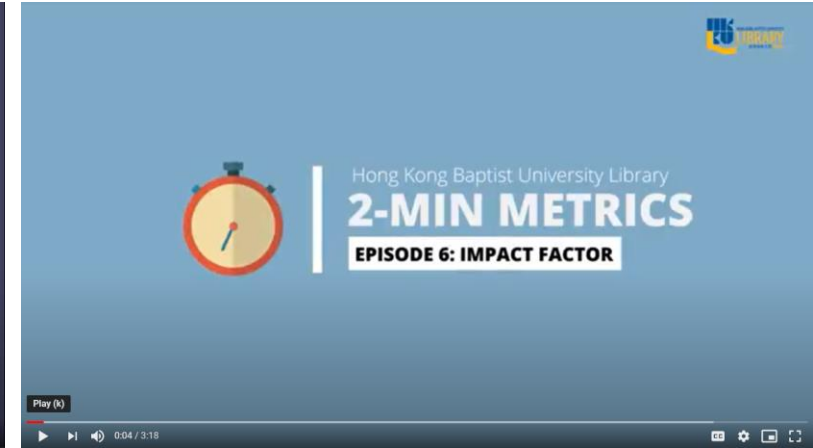
6,145,592 views

72K 1.2K 50K 500 ...



Metrics Literacy

Understanding Research impact & Metric tools



www.youtube.com/channel/UCO9lvCqaGWCYp-8qNEKTMwA/playlists?view_as=subscriber

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UK Copyright Literacy

Decoding copyright and bringing you enlightenment

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Copyright and online learning in a time of crisis

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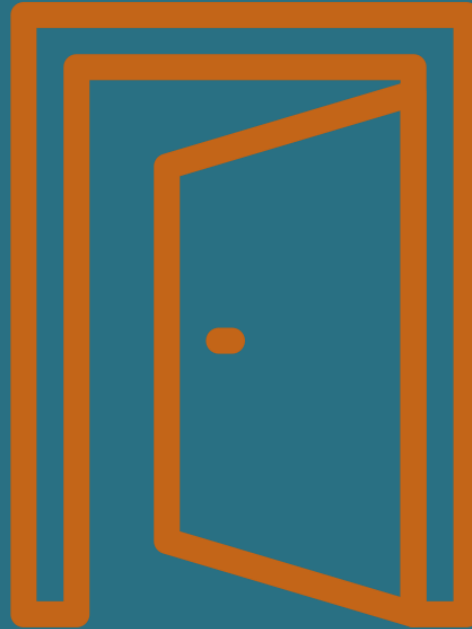


ALT Summer Summit

We're looking forward to presenting at the [ALT Summer Summit](#) later this month. Our session will outline how we've been supporting the higher education community with copyright and online learning issues through a series of ALT-hosted [webinars](#) which we began in March 2020 following the outbreak of the COVID-19 crisis and have been running almost on a weekly basis ever since. We will be joined by Martin Hawskey from ALT who has been kindly hosting most the sessions. During the webinars

we have stuck to our mission of making copyright fun, engaging and empowering and in addition to dealing with some pretty meaty copyright issues, we've been trying to keep people's spirits up during these difficult months. The webinars therefore always start and finish with a lighter or amusing item as well as having a theme tune and jingles. The chat is mostly about copyright and online learning, but we love talking about the weather as well as we straying onto Chris's obsession with guitars, Jane's gardening antics, or Jane, Martin and Chris's cycling adventures (separate and socially distanced of course).

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LEARN. SHARE. ADVANCE.

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 **Paywall: The Business of Scholarship (Full Movie)**
CC BY 4.0
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PAYWALL
The Business of Scholarship

1:04:48

 vimeo

paywallthemovie.com

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	CC BY	✓	✓	✓	✓	✓
	CC BY-SA	✓	✓	✓	✓	✗
	CC BY-ND	✓	✓	✓	✗	✗
	CC BY-NC	✓	✓	✗	✓	✓
	CC BY-NC-SA	✓	✓	✗	✓	✗
	CC BY-NC-ND	✓	✓	✗	✗	✗

You can redistribute (copy, publish, display, communicate, etc.)	You have to attribute the original work	You can use the work commercially	You can modify and adapt the original work	You can choose license type for your adaptations of the work.

Copyright and Copywrong

Knowing the Difference

[Overview](#)[I am a teacher](#)[I am an author](#)[I am a student](#)[I feel confused](#)[I want to know more](#)[Quiz yourself](#)[Copyright-free resources](#)

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CC Search



CC Search is a tool that allows openly licensed and public domain works to be discovered and used by everyone. It searches across more than 300 million images that are free to share or build upon.

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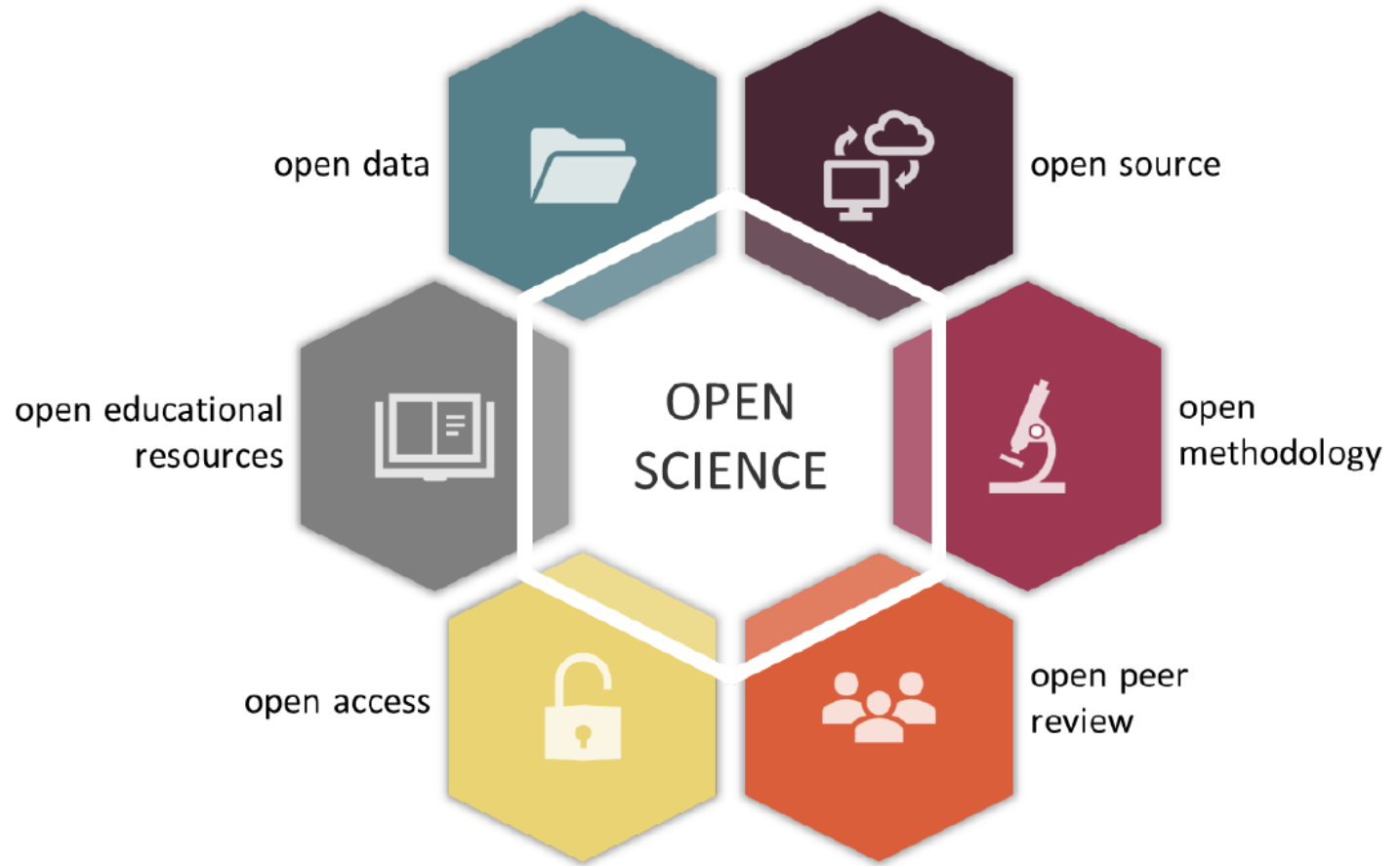


Open source icons (including animated icons) for free use and edits with new ones added on a regular basis. Available file formats include SVG and PNG.

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6 Core principles of Open Science



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The Jobs Landscape in 2022

emerging
roles,
global
change
by 2022

133
Million

Top 10 Emerging

1. Data Analysts and Scientists
2. AI and Machine Learning Specialists
3. General and Operations Managers
4. Software and Applications Developers and Analysts
5. Sales and Marketing Professionals
6. Big Data Specialists
7. Digital Transformation Specialists
8. New Technology Specialists
9. Organisational Development Specialists
10. Information Technology Services

declining
roles,
global
change
by 2022

75
Million

Top 10 Declining

1. Data Entry Clerks
2. Accounting, Bookkeeping and Payroll Clerks
3. Administrative and Executive Secretaries
4. Assembly and Factory Workers
5. Client Information and Customer Service Workers
6. Business Services and Administration Managers
7. Accountants and Auditors
8. Material-Recording and Stock-Keeping Clerks
9. General and Operations Managers
10. Postal Service Clerks

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- The world is becoming highly digital and interdisciplinary
- We do not intend to train every student to become experts in STEM, statistics, or CS (Computer Science), but to enable them to work in an interdisciplinary environment





- **Conversational Programmer**
to develop programming literacy skills, not necessary to write code in the future, but to develop conversational skills and communicate better with developers
(Chilana, Singh & Guo; 2016)



- **Data Literacy - Data Science Trainings:**
<https://digital.lib.hkbu.edu.hk/digital/rdt-course/index.php>

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Journal of Asian Energy Studies (JAES)

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Hong Kong Baptist University

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Between AI Doctor and Patient: The Logic of AI Diagnosis and its Impact on Patient Subjectivity
Guobin Cheng and Xiaoxi Wu
[pdf](#)

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Guobin Cheng and Xiaoxi Wu
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Most read this month

Between AI Doctor and Patient: The Logic of AI Diagnosis and its Impact on Patient Subjectivity
380

A Confucian Perspective on the Development of AI Diagnostic Technology
352

Challenges and Responses: The Physician - Patient Relationship in the AI Era
245

Keywords

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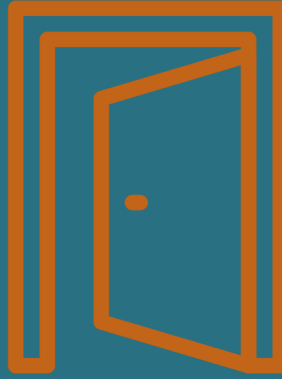
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