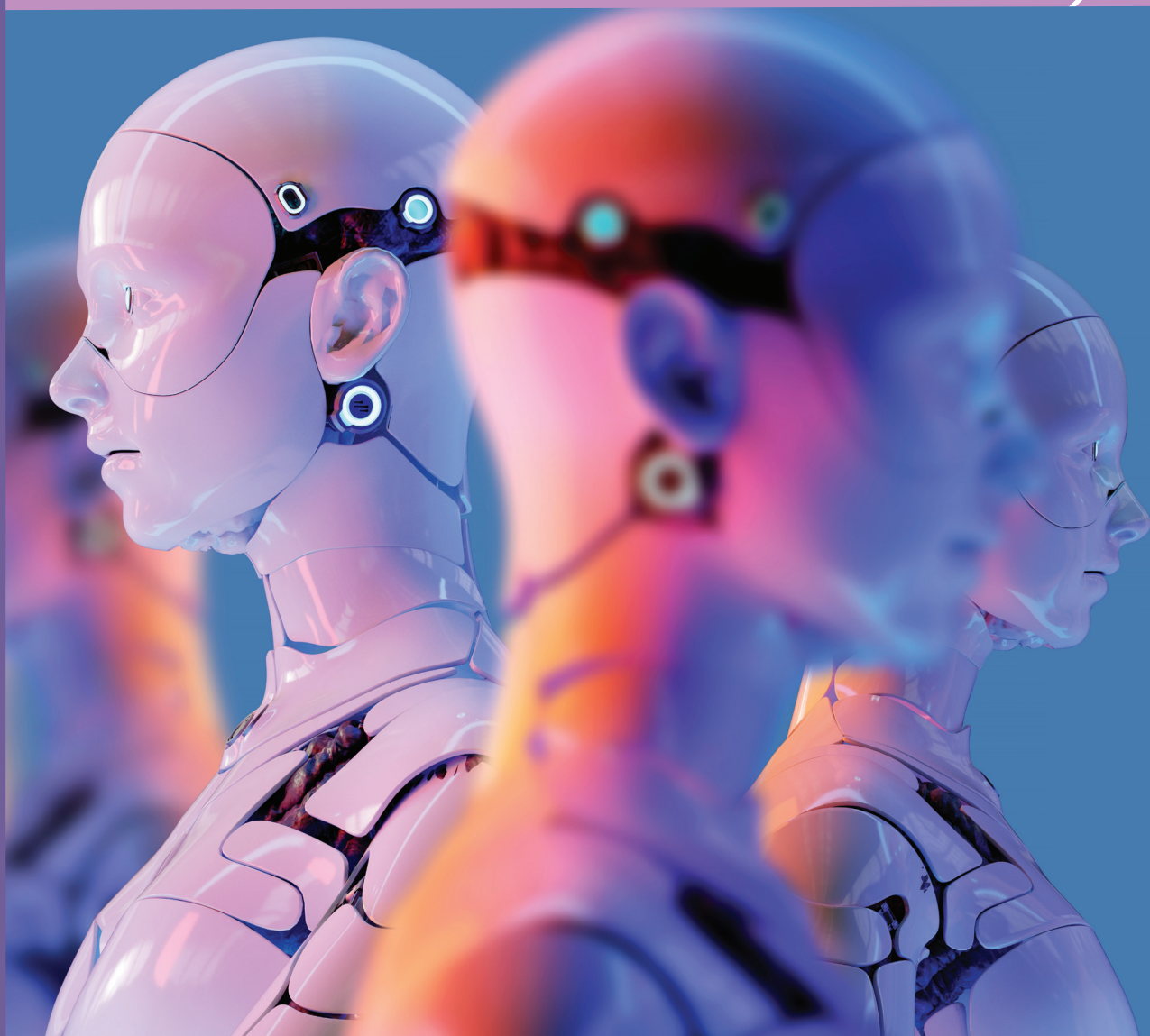
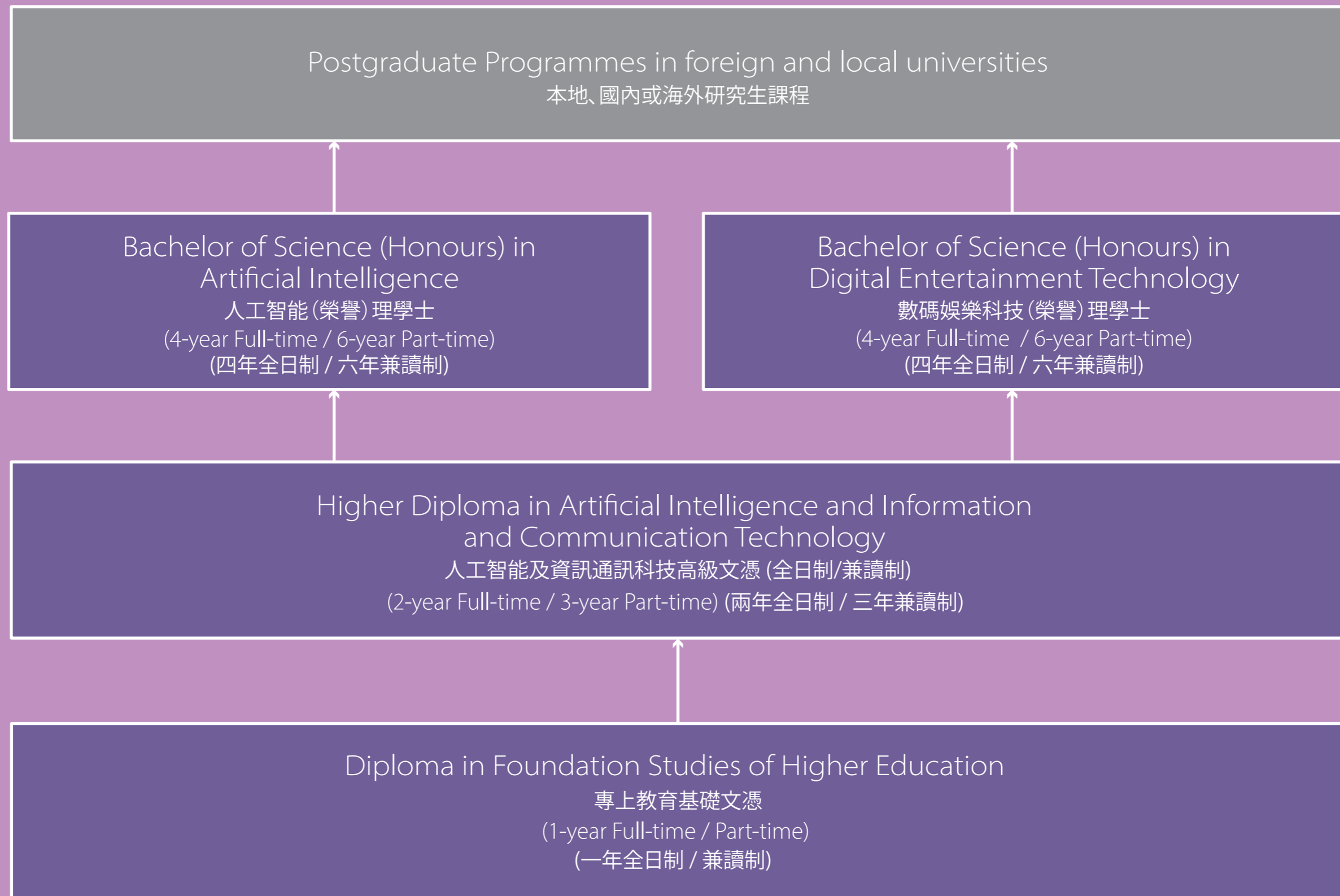


任白慈善基金電子計算及信息科學院



YAM PAK CHARITABLE FOUNDATION SCHOOL OF
COMPUTING AND INFORMATION SCIENCES





課程 / PROGRAMME

Bachelor of Science (Honours) in Artificial Intelligence 人工智能(榮譽)理學士

JUPAS/ JSSA04

QF/ 5

Mode/ Full-time / Part-time

Duration/ 4 Years (FT) / 6 Years (PT)

PROGRAMME FEATURES 課程特色 /

- In-depth and all-round training in artificial intelligence engineering:
擁有全面人工智能工程訓練:

In-depth A.I Subjects (36 Credits) +
人工智能專門學科 (36 學分)

I.C.T Subjects (42 Credits)
資訊通訊科技學科 (42 學分)

= Weigh over 59% of the Programme
佔整個課程比重超過59%

- The Programme is supported with a "distributed AI Laboratory" for interdisciplinary research and education, which is being established with IDS funding under RGC 首家自資大學院校獲得政府研究資助局院校發展計劃研究基礎設施撥款, 設立分布式人工智能實驗室(distributed AI Laboratory), 讓學生採用人工智能實驗室的各項軟件及硬件設備

HIGHLIGHTED SUBJECTS 重點科目 /



Machine Learning
機器學習



Deep Learning
深度學習



Computer Vision and Image Processing
電腦視覺及圖像處理



Financial Technology, Artificial Intelligence and Metaverse
金融科技與人工智能及元宇宙



Robotics
機器人應用



Natural Language Processing
自然語言處理

INTERNSHIPS 實習要求 /

- 200 hours internship available as an elective programme on summer terms of Year 2 or Year 3
第二年暑假或第三年進行選修實習 200 小時
- Interns could participate in A.I. research projects initiated by the University
可選擇參與校內人工智能研究企劃
- Opportunities to gain their experience working in innovation, technology and I.T. development companies
有機會到創科公司 / 資訊科技開發公司實習

CAREER PROSPECTS 就業前景 /

- AI Software Engineer
人工智能軟件/系統工程師
- Machine Learning Engineer
機器學習軟件/系統工程師
- Deep Learning Engineer
深度學習工程師
- AI Application Developer
不同專業範疇的人工智能應用開發人員
- Starting Salary for Graduate Ranges from HKD\$19K – HKD\$30K
國內或海外起薪點\$19,000-\$30,000港元

Bachelor of Science (Honours) in Digital Entertainment Technology

數碼娛樂科技 (榮譽) 理學士

JUPAS/ JSSA02

QF/ 5

Mode/ Full-time / Part-time

Duration/ 4 Years (FT) / 6 Years (PT)

PROGRAMME FEATURES 課程特色 /

- Provides students with in-depth and up-to-date knowledge in digital entertainment and metaverse technologies as well as computing and creative design skills
提供數碼娛樂和元宇宙技術以及電子計算和創意設計技能方面的深入和最新知識
- Supported by a digital entertainment laboratory equipped with motion-capture system to provide a genuine simulation and resourceful environment
配有數碼娛樂實驗室, 安裝有動作捕捉技術系統, 並提供真實的模擬環境

HIGHLIGHTED SUBJECTS 重點科目 /



3D Game Design and Development
三維遊戲設計及開發



Virtual Reality and Metaverse
虛擬現實及元宇宙



Modeling and Animation
建模及動畫



Digital Visual Effects
數碼視覺特效

INTERNSHIPS 實習要求 /

- 200 hours internship available as an elective programme on summer terms of Year 2 or Year 3
第二年暑假或第三年進行選修實習 200 小時
- Opportunities to gain their experience working in multimedia design, metaverse, VR/XR, game, animation, and IT companies
學生可到不同類型公司實習, 如: 多媒體設計公司, 元宇宙公司, 遊戲或動畫公司和資訊科技公司

CAREER PROSPECTS 就業前景 /

- Metaverse Architect
元宇宙建築師
- VR / XR Developer
VR/XR開發人員
- Game Developer
遊戲設計工程師
- 3D / Animation Creator
3D/動畫製作人員
- Film CG / Special Effects Creator
電影特效製作人員
- User Interface Developer
用家介面開發人員
- Starting Salary at HKD \$20,000
起薪點約 \$20,000 港元



Higher Diploma in Artificial Intelligence and Information and Communication Technology

人工智能及資訊通訊科技高級文憑

QF/ 4 **Mode/** Full-time / Part-time **Duration/** 2 Years (FT) / 3 Years (PT)

PROGRAMME FEATURES 課程特色 /

- Equip students with foundational knowledge on programming
讓學生具備程式編寫的基礎能力
- Learn about basic theories and operations of artificial intelligence
學習人工智能的基礎理論與運作
- Study the theories of machine learning
了解機械學習的理論和實踐

HIGHLIGHTED SUBJECTS 重點科目 /



Machine Learning
機器學習



2D Game Design and Development
二維遊戲設計及開發



Introduction to Information Technology, Artificial Intelligence, and Metaverse
資訊科技、人工智能及元宇宙導論

CAREER PROSPECTS 就業前景 /

- Graduates are competent to various roles including-
畢業生能勝任多種職位, 包括:
 - Programmer
程式編寫
 - Website and database developer
網頁及數據庫開發
 - System analyst
系統分析
- If graduates complete the Bachelor of Science (Honours) in Artificial Intelligence further, they may take the following roles-
如畢業生升讀並完成人工智能(榮譽)理學士課程, 可勝任:
 - A.I. software / system engineer
人工智能軟件/系統工程師
 - Machine learning software / system engineer
機器學習軟件/系統工程師
 - Deep learning engineer
深度學習工程師



RESEARCH AND ACADEMIC FACILITIES

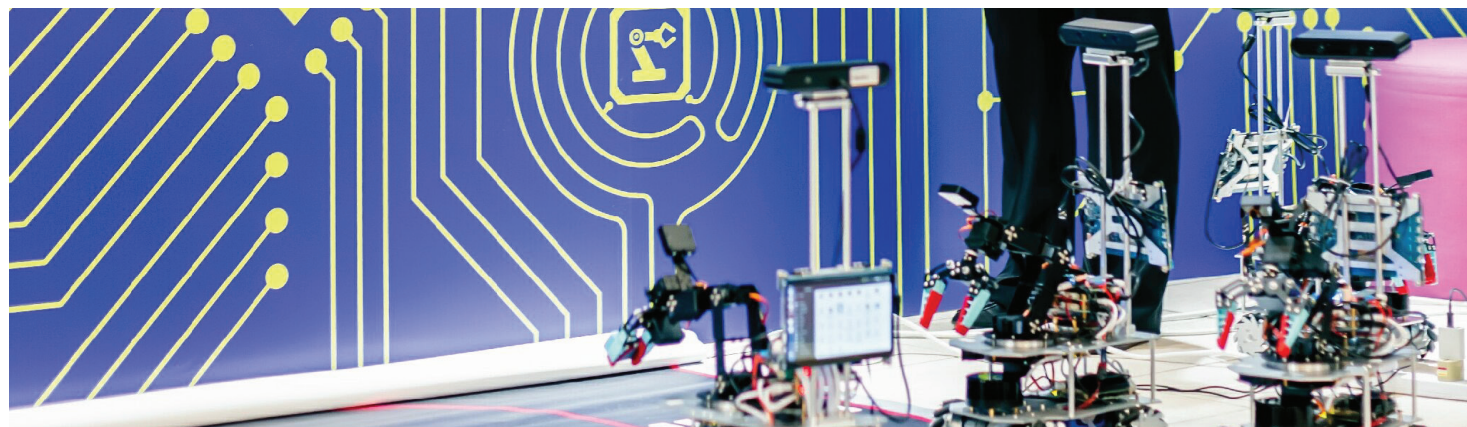
學術設施

The School of Computing and Information Sciences has established laboratories for Artificial Intelligence and Digital Entertainment Technologies, providing students with opportunities and testing grounds to learn and experiment with AI and digital entertainment technologies. This enables them to stay at the forefront of the information age.

電子計算及信息科學院分別開設人工智能實驗室及數碼娛樂實驗室，供學生掌握及試驗人工智能及數碼娛樂技術，以在資訊時代走到最前。



Digital Entertainment Laboratory 數碼娛樂實驗室



Artificial Intelligence Laboratory 人工智能實驗室

YAM PAK CHARITABLE FOUNDATION SCHOOL OF COMPUTING AND INFORMATION SCIENCES 任白慈善基金電子計算及信息科學院

UNDERGRADUATE /

Bachelor of Science (Honours) in Digital Entertainment Technology

數碼娛樂科技(榮譽)理學士

Bachelor of Science (Honours) in Artificial Intelligence

人工智能(榮譽)理學士

SUB-DEGREE /

Higher Diploma in Artificial Intelligence and Information and Communication Technology

人工智能及資訊通訊科技高級文憑

☎ 3702 4388

✉ info@sfu.edu.hk

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