



SCHOOL OF
**COMPUTING &
DATA SCIENCE**
The University of Hong Kong

6248 BAsC in Financial Technology

BAsC(FinTech)

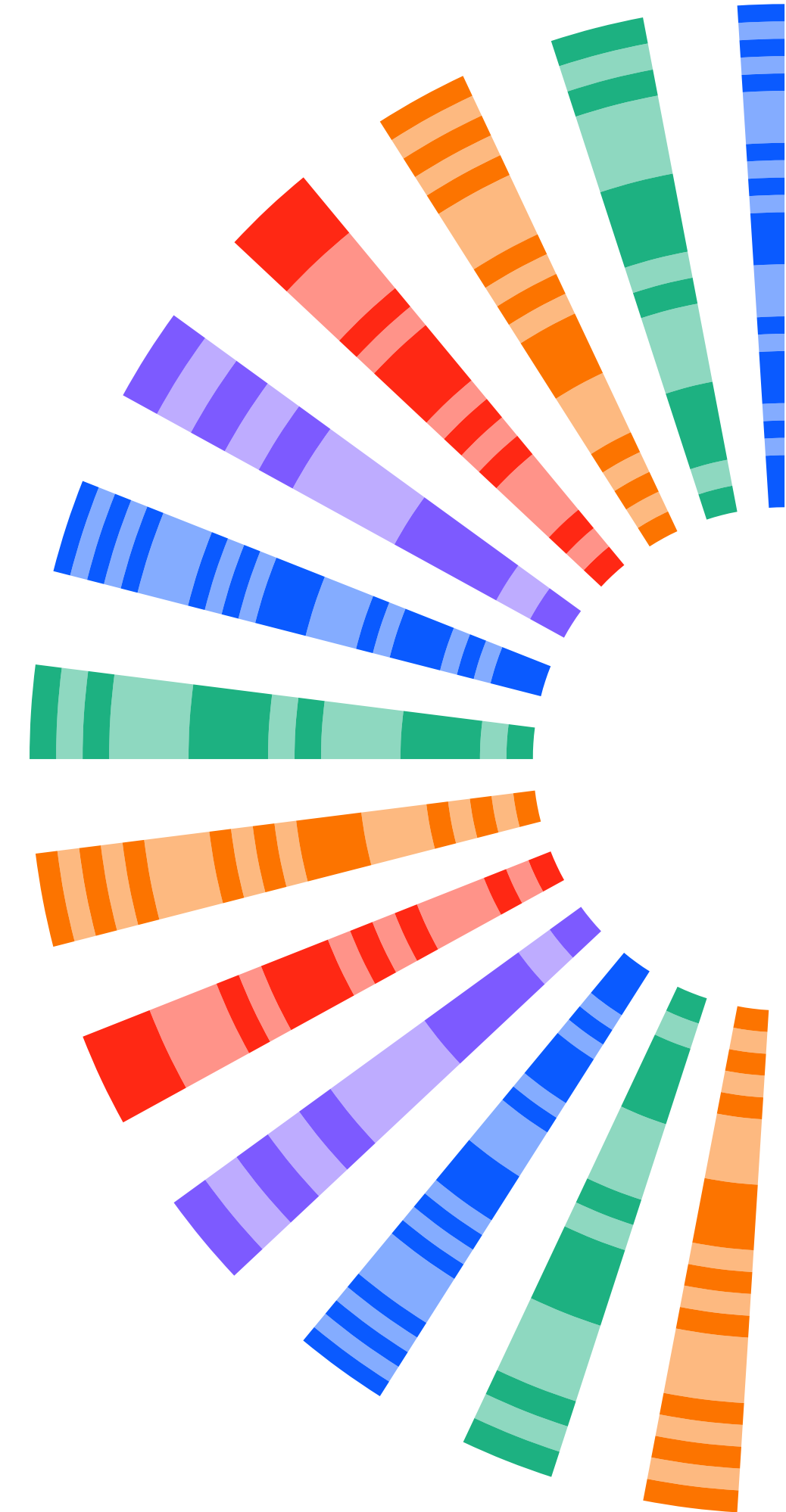
HKU Information Day 2025

Professor Qi LIU

Programme Director

School of Computing & Data Science

The University of Hong Kong





SCHOOL OF
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The University of Hong Kong

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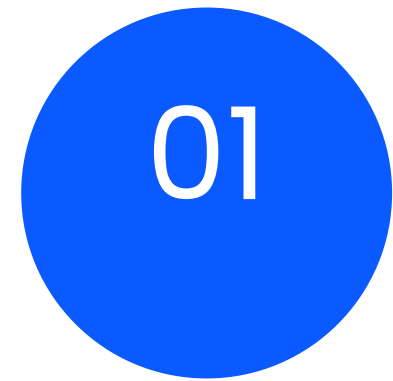
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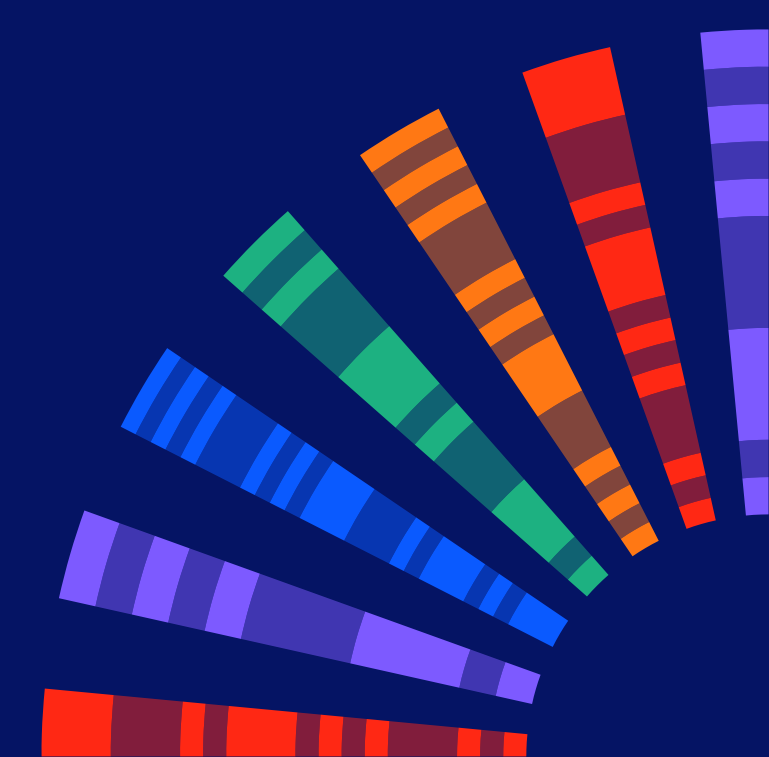




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ABOUT CDS





SCHOOL OF
COMPUTING &
DATA SCIENCE
The University of Hong Kong

International Rankings of HKU



QS World University Rankings 2026

11th

QS World University Rankings by Subject 2025

18th

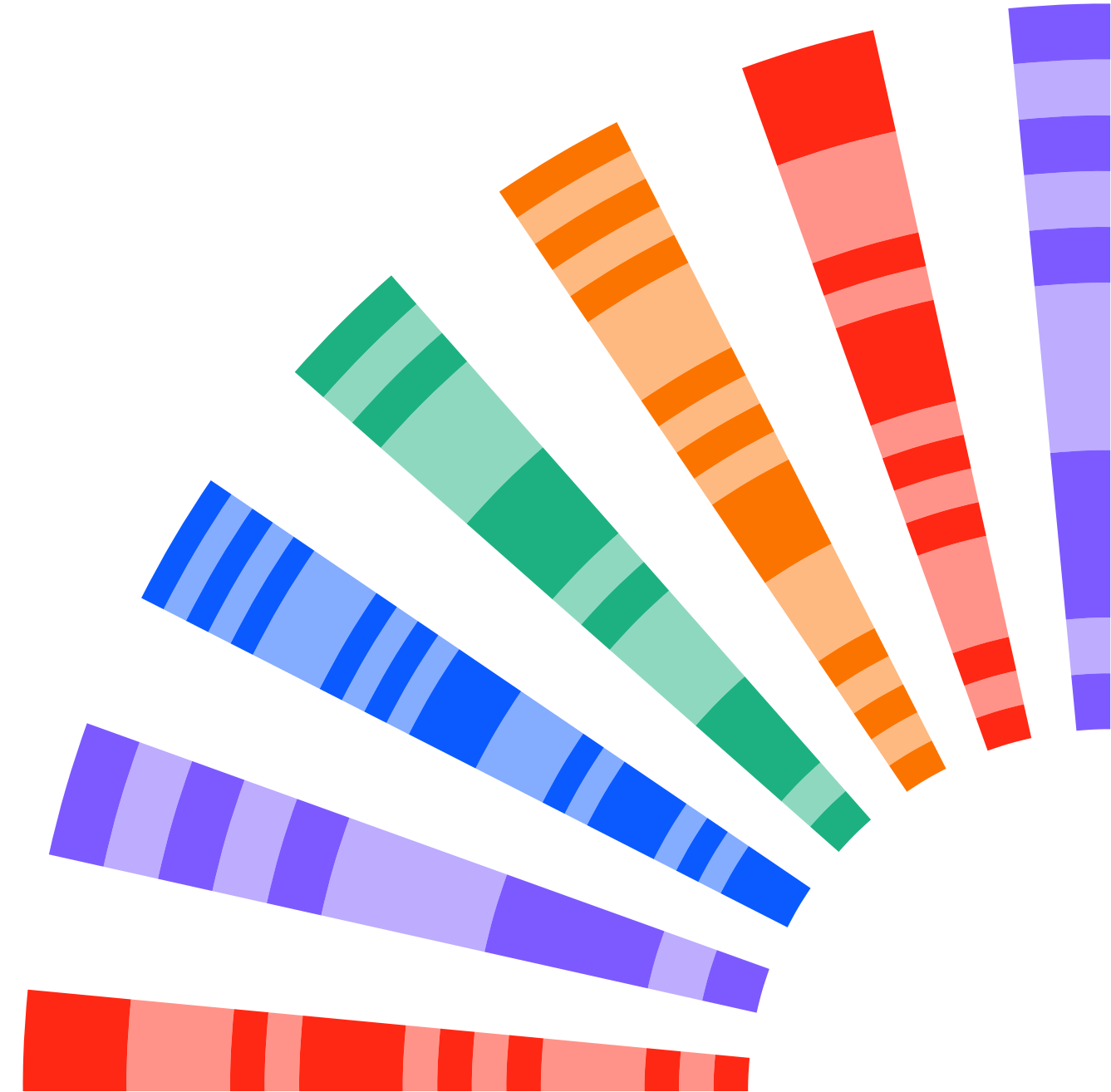
Data Science &
Artificial Intelligence

21st

Computer Science &
Information Science

24th

Statistics &
Operational Research





SCHOOL OF
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The University of Hong Kong

01

ABOUT CDS

~70

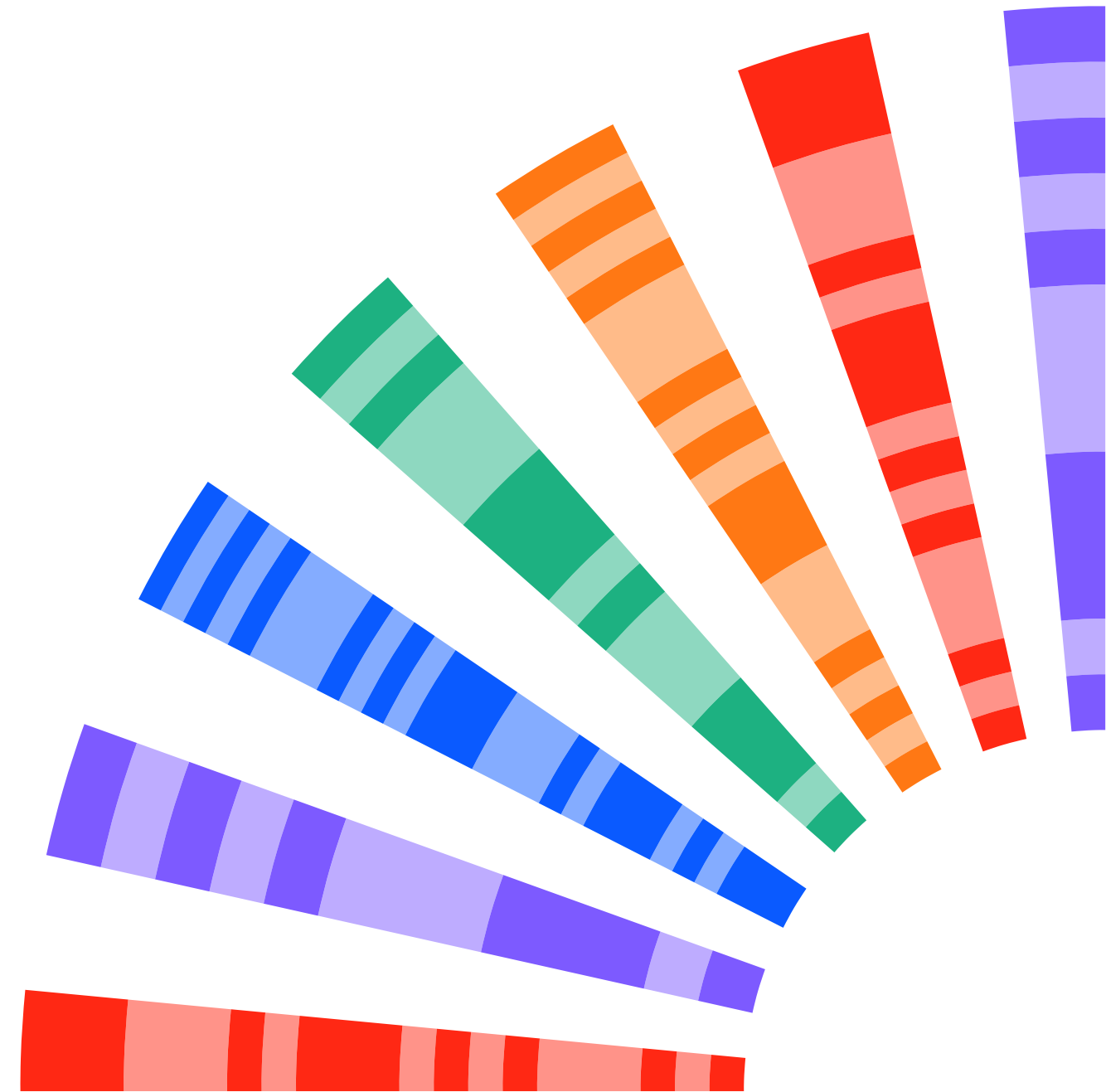
Professoriate and Teaching Staff

40+

Researcher and Postdoctoral Fellows

3,700+

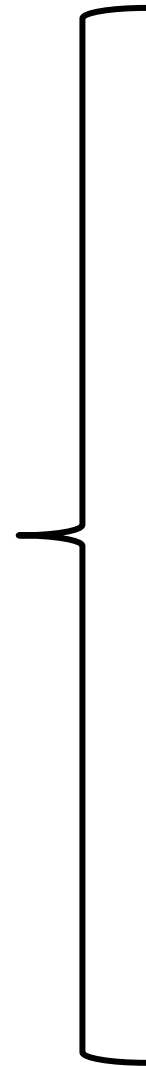
UG, TPG and RPG students





SCHOOL OF
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**School of Computing
and Data Science
(CDS)**



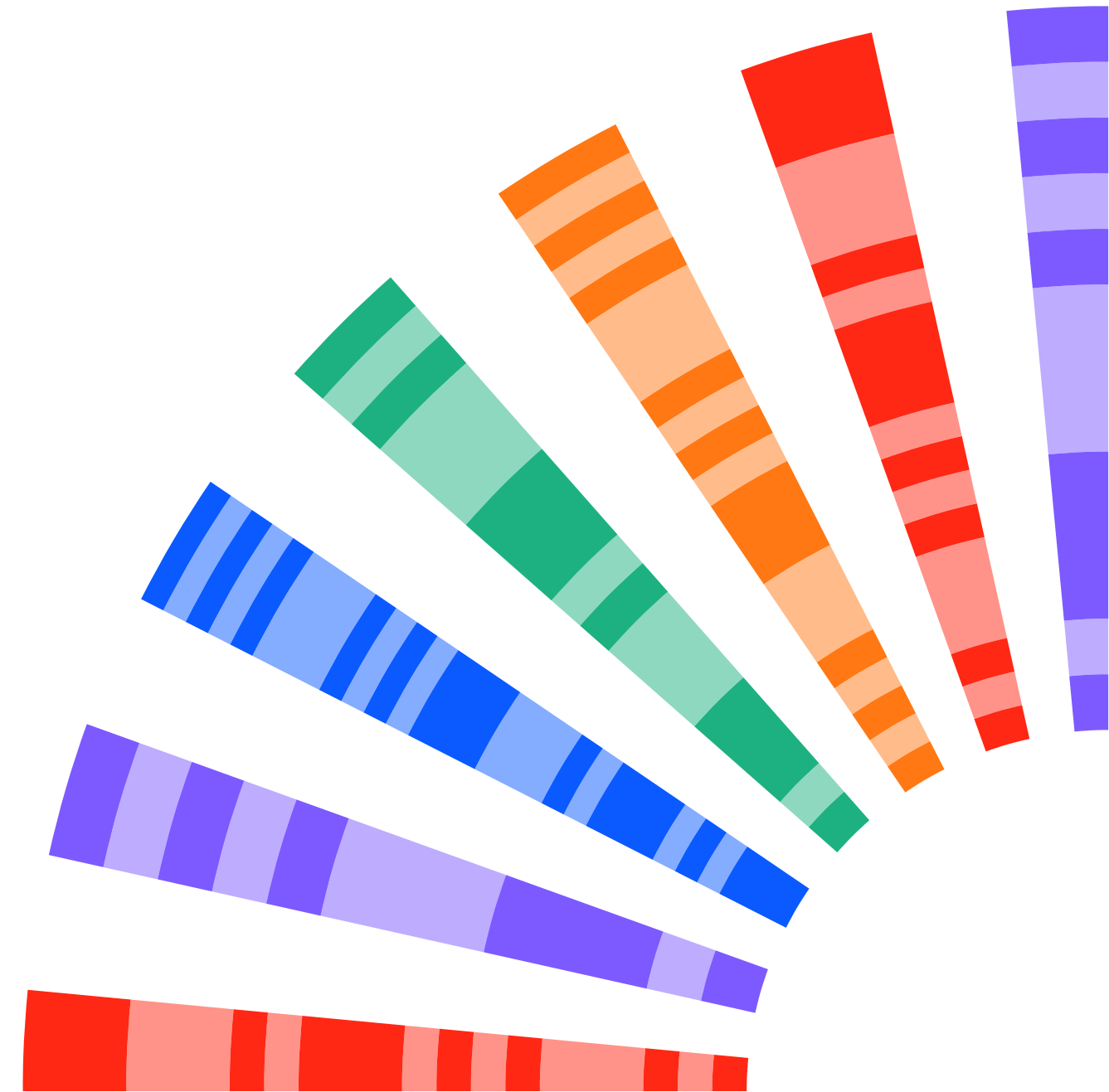
**Department of
Computer Science**

**Department of
AI and Data Science**

**Department of
Statistics and
Actuarial Science**

01

ABOUT CDS

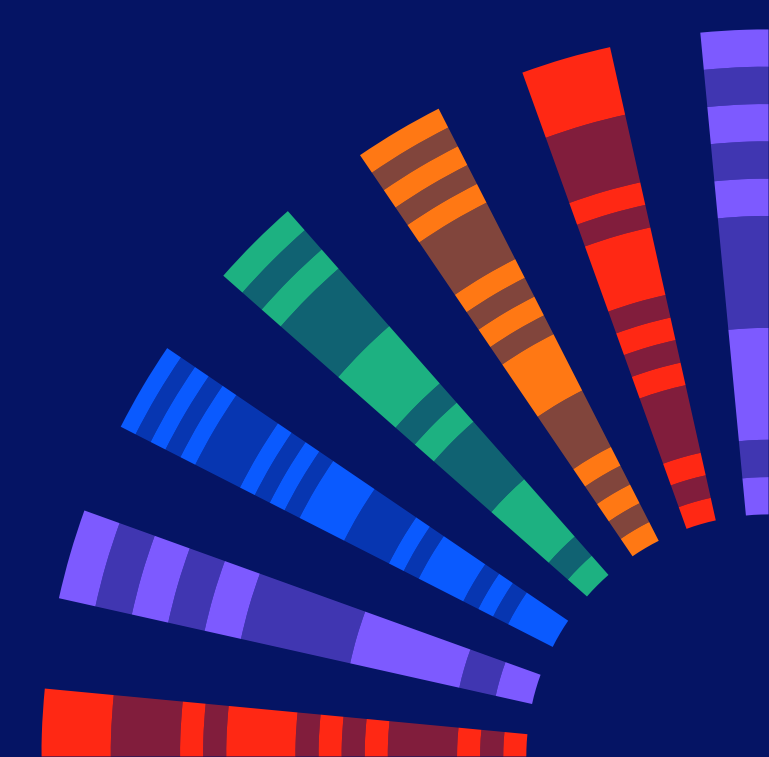




SCHOOL OF
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The University of Hong Kong



UNDERGRADUATE PROGRAMMES





Programmes We Offer

Empowers students by emphasising critical thinking and interdisciplinary learning, and to become the leaders of tomorrow, in diverse sectors such as the technological industry, public service, and academia

6200

&

6999

Computing
and Data
Science
(Delta+)

Computing
& Data
Science

6224

Bachelor of Arts
and Sciences in
Applied
Artificial
Intelligence

6248

Bachelor of
Arts and
Sciences in
Financial
Technology

6779

Statistical
Decision
Sciences

6729

Bachelor of
Science in
Actuarial
Science



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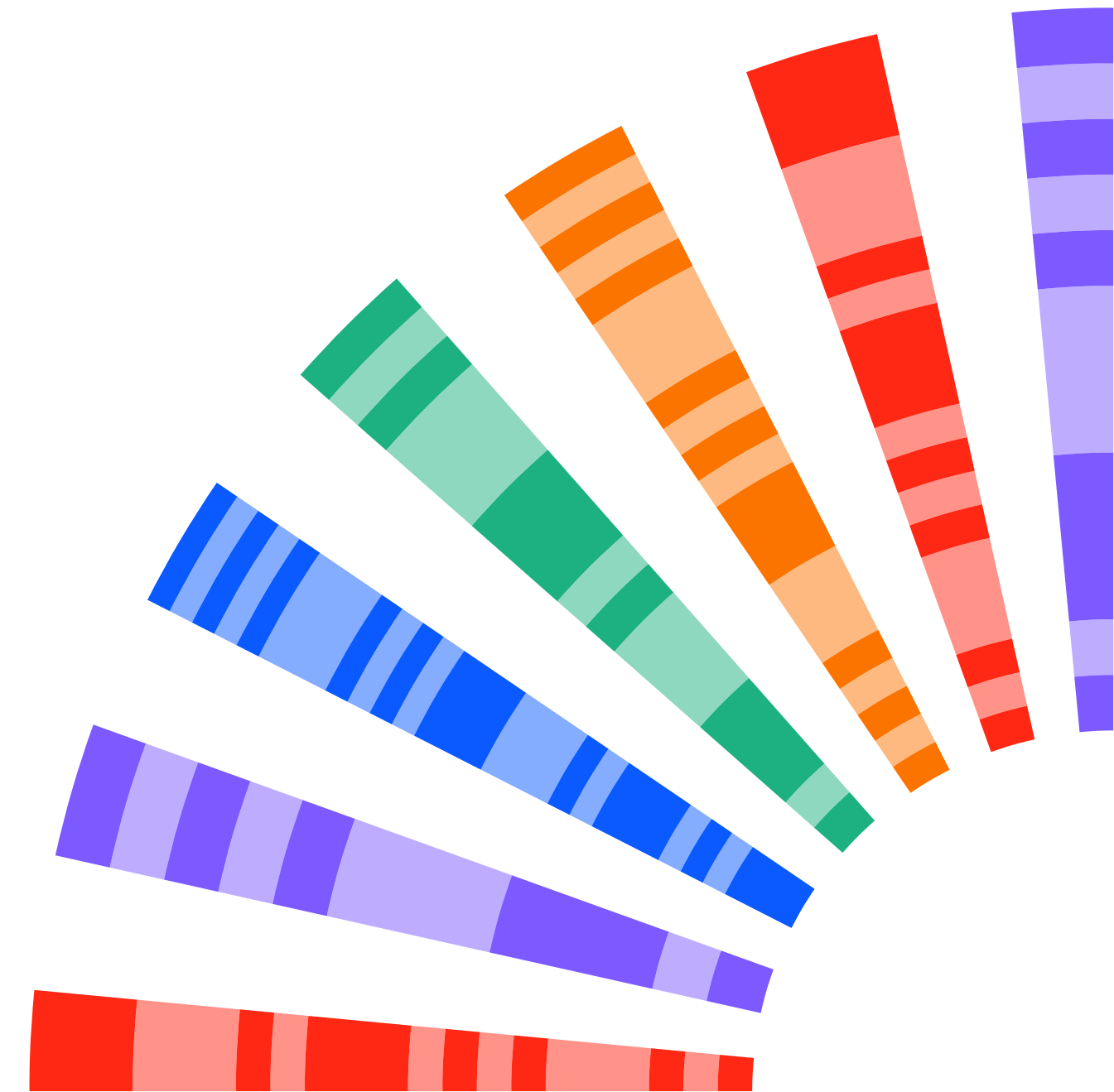
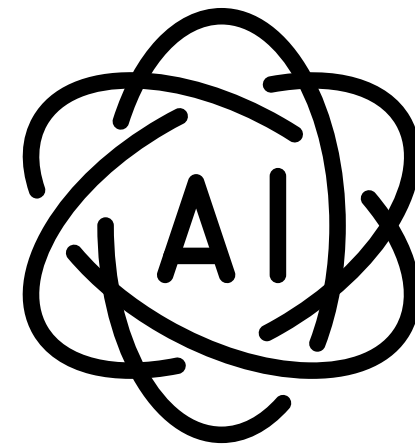


**UNDERGRADUATE
PROGRAMMES**

HKU's New Initiative

Commencing from the semester one of 2025-26, all incoming undergraduate students at HKU, irrespective of their chosen major or degree, will be required to undertake this course hosted by CDS

AI Literacy course





SCHOOL OF
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6248 Bachelor of Arts and Sciences in Financial Technology





SCHOOL OF
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Programmes We Offer

Empowers students by emphasising critical thinking and interdisciplinary learning, and to become the leaders of tomorrow, in diverse sectors such as the technological industry, public service, and academia

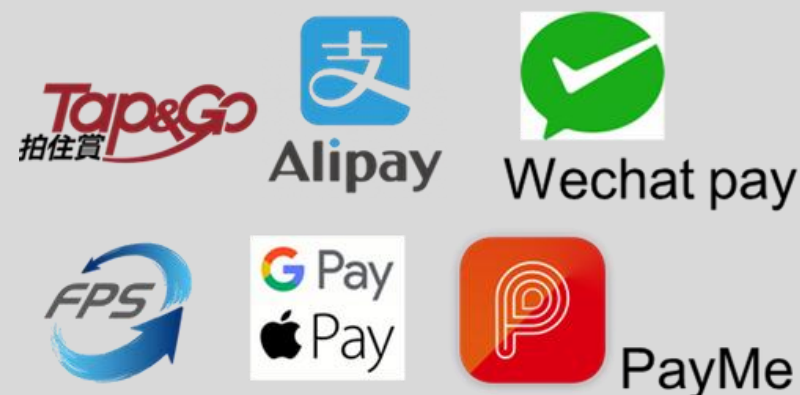
6248 Financial Technology

Bachelor of Arts and Sciences in Financial Technology
[BASc(FinTech)]

Financial Technology

Technology underpins the transformation and growth of the financial industry

 **Digital Payment**
Fast, cashless payments via mobile devices



 **Virtual Bank**
Online banks offering 24/7 services without physical branches



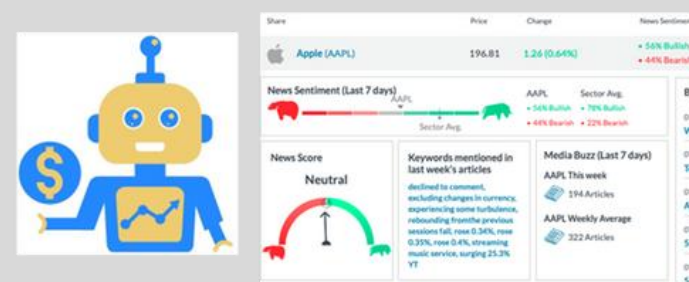
 **Blockchain and Cryptocurrency**
Redefining trust in finance through decentralization

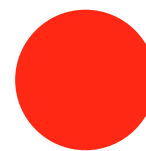
- Smart Contract, Stablecoin
- Web3, CBDC



 **AI for Finance**
Smarter decisions with AI-driven insights

- Robo-advisors, Personal Finance
- Algo-trading





The BAsc(FinTech) nurtures leaders with interdisciplinary knowledge and skills for the finance industry in the ever-changing world



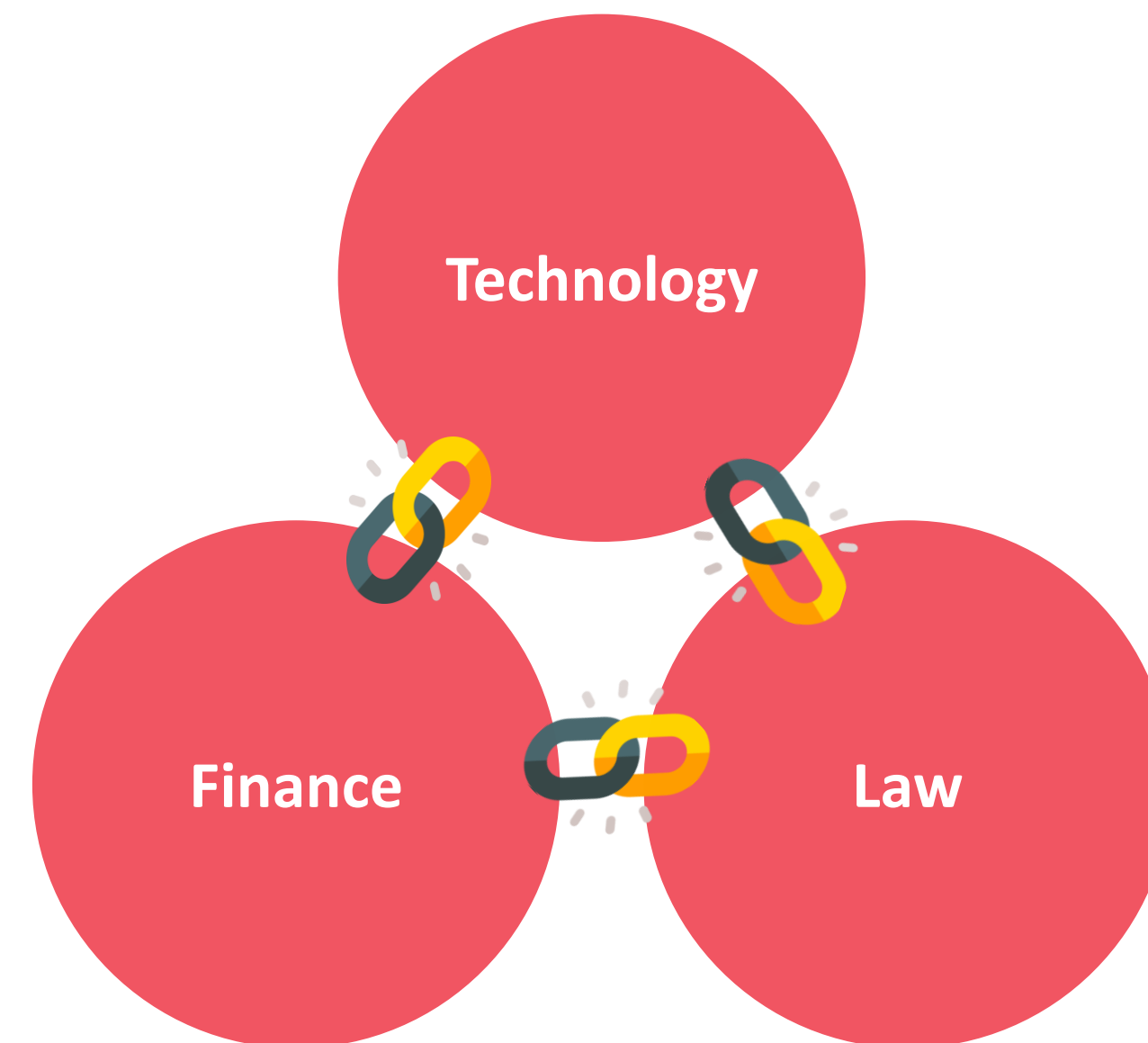
We equip students with a solid foundation in technology, finance, and law



We offer FinTech-focused courses that emphasize the connection across disciplines



Students can freely choose the specialization they want to pursue



Jointly offered by School of Computing and Data Science (Technology) & Faculty of Business & Economics (Finance), with strong support from Faculty of Law

Core Technologies:

- E-payment technology
- Blockchain technology
- Big-data analytics
- AI technologies
- Cyber security
- RegTech

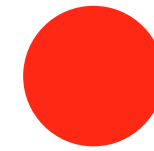
We cover all



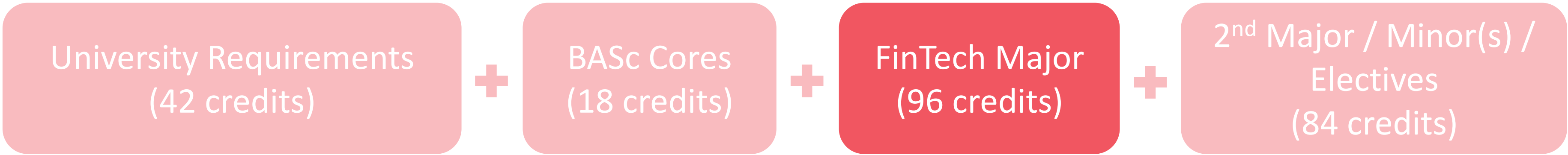
How technology can facilitate regulatory processes in Finance (Law + Tech + Finance) – unique in HKU



	No. of Credits
University Requirements	
- Language Enhancement Courses	12
- Common Core Courses	24
- AI Literacy Courses	6
- Non-credit bearing courses as required by the University	0
BASc Core Courses	18
Major in Financial Technology	96
- Discipline Core Courses (54 credits)	
- Discipline Elective Courses (30 credits)	
- Capstone Experience (12 credits)	
Electives	84
Total:	240



Requirement: Complete 40 6-credit courses in 4 years as a full-time student



Cores (54 credits)	<u>Technology</u>	<ul style="list-style-type: none"> • Introduction to financial technologies • Distributed ledger and blockchain • Computer programming • Foundations of FinTech programming
Electives (30 credits)	<u>Statistics</u>	<ul style="list-style-type: none"> • Linear algebra, probability and statistics
Capstone (12 credits)	<u>Business</u>	<ul style="list-style-type: none"> • Introduction to financial accounting • Introductory microeconomics • Corporate finance
	<u>Law</u>	<ul style="list-style-type: none"> • Regulation of financial markets



Requirement: Complete 40 6-credit courses in 4 years as a full-time student

University Requirements
(42 credits)



BASc Cores
(18 credits)



FinTech Major
(96 credits)



2nd Major / Minor(s) /
Electives
(84 credits)

Cores
(54 credits)

Electives
(30 credits)

Capstone
(12 credits)

Technology

- E-payment and crypto-currency
- Financial computing
- Electronic commerce technology
- Artificial intelligence and machine learning
- Text analytics and natural language processing in finance and fintech
- Cyber security

Finance

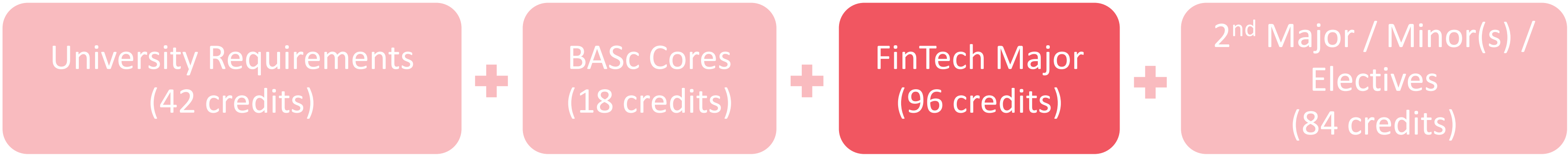
- Investments and portfolio analysis
- Derivatives
- Mathematical finance

Law

- Introduction to information technology law
- Law, Innovation, Technology, Entrepreneurship: Tech Startup Law
- Regulatory, operational, and valuation issues in finance institutions



Requirement: Complete 40 6-credit courses in 4 years as a full-time student



Cores
(54 credits)

Electives
(30 credits)

Capstone
(12 credits)

A year-long project addressing real-world problems with FinTech

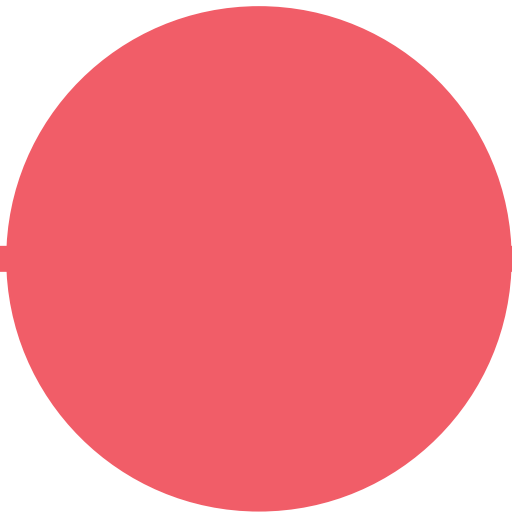




Career Prospects

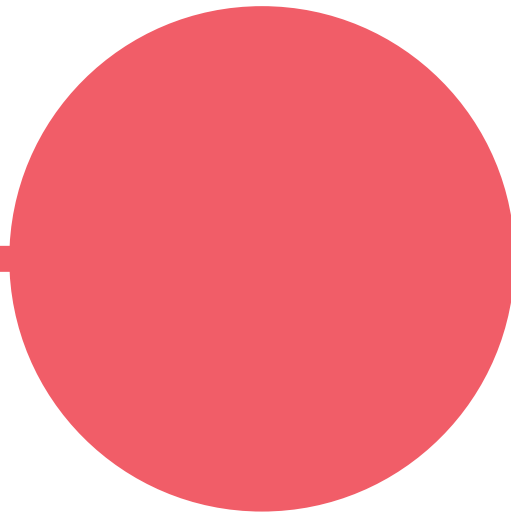


6248 Financial Technology



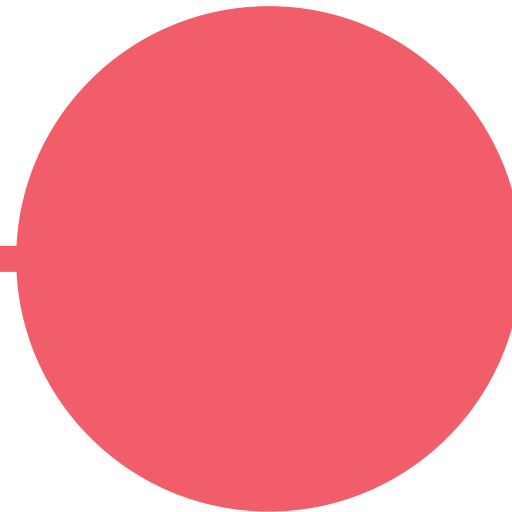
Broad career pathway as they could take up positions in FinTech industry, finance industry, as well as IT industry

- **1,000 New jobs in FinTech**
(FinTech Anti-epidemic Scheme for Talent Scheme - FAST)
- HKMA : **FinTech 2025 strategy**
driving FinTech Development of Hong Kong



Professionally:

- Blockchain developer
- Apps developer
- Compliance expert
- Cybersecurity analyst
- Researchers in the FinTech discipline



According to a survey conducted by the University in 2024, the gross monthly income of our FinTech fresh graduates:

- **Average is \$33,854**
- **Maximum is \$55,465**



SCHOOL OF
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The University of Hong Kong

02

UNDERGRADUATE
PROGRAMMES

Exchange

LIST OF UNIVERSITIES



UC Berkeley



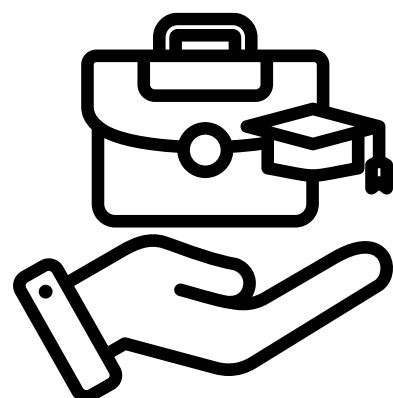
UNIVERSITY OF
WATERLOO



Internship

Extensive opportunities

PREVIOUS EMPLOYERS





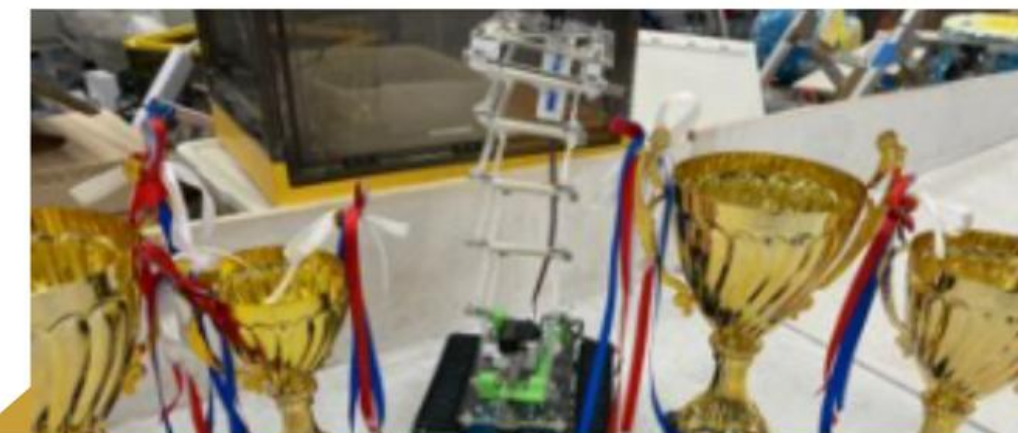
International Conference/Symposiums /Competitions



International Symposium on Academic Makerspaces 2023 and 2024 (ISAM 2023, ISAM 2024) (Pittsburgh, USA)



ICRA Second Place in Teleoperation at IEEE International Conference on Robotics and Automation – ICRA 2024



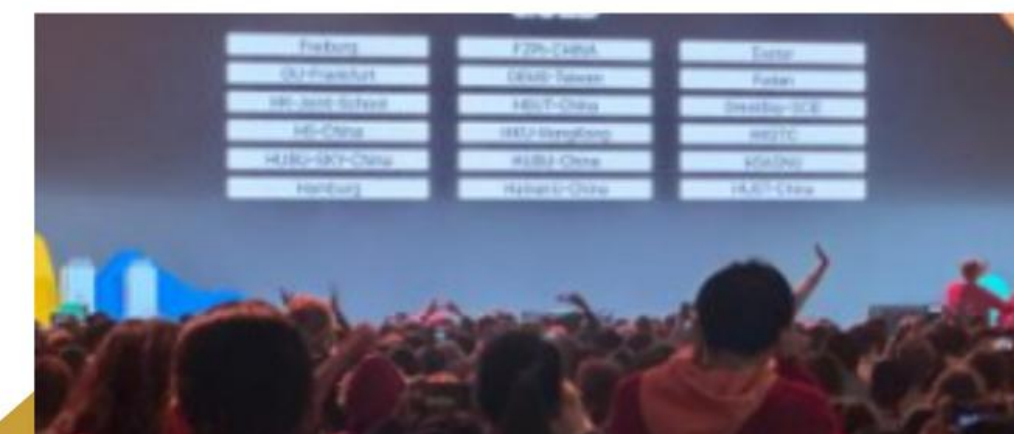
**HKU Robocon
HKIE: 粵港澳大灣區高校創新工程邀請賽
最具創意遙控車設計獎 季軍, 最快速遙控車獎 冠軍,
最少支撐及最輕巧橋樑獎 亞軍 and 最高沙堡獎 冠軍**



**Design, Build and Fly Team
Second Place at British Model Flying Association 2024 University and Schools Payload Challenges**



**Hay-koze
National Winner at the James Dyson Award (HK Region)**



**iGEM (Project title: Car-Ma)
Gold Medal
at iGEM 2023 Grand Jamboree**

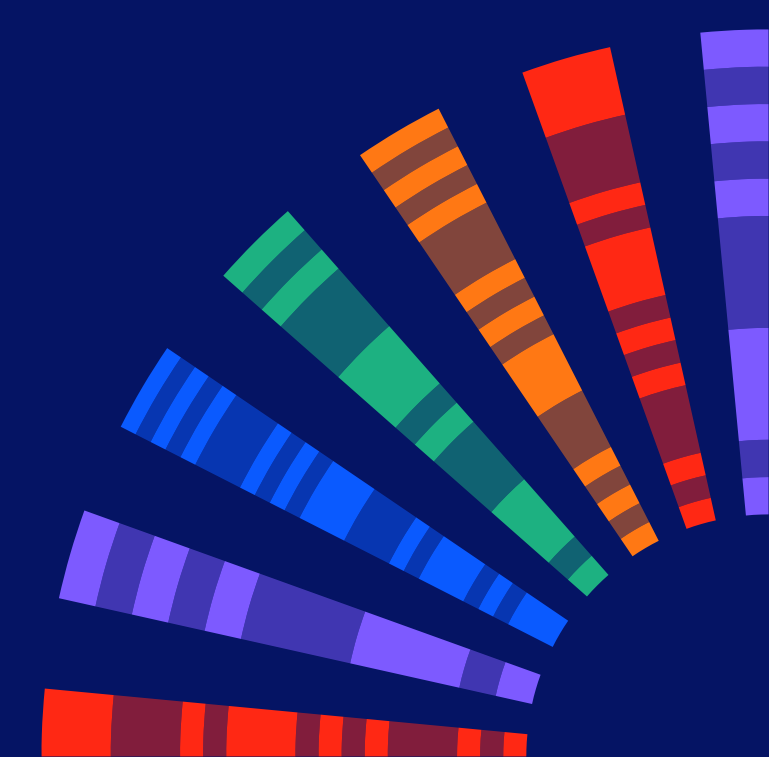


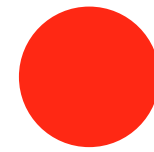
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03

ADMISSIONS REQUIREMENTS

(JUPAS AND NON-JUPAS)





JUPAS

**HKDSE
Minimum
Level
Required**

English	4
Chinese	3
Mathematics	3
CSD	Attained
Elective Subject 1	3
Elective Subject 2	3

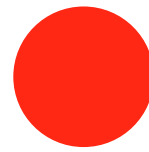
Admission formula: **Eng + Math + Best 3 Subjects***
***may include M1/M2**

Interview: **Yes**

Interview Schedule: **January**



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6248 Bachelor of Arts and Sciences in FinTech



**ADMISSIONS
REQUIREMENTS**

NON-JUPAS

Minimum Requirement

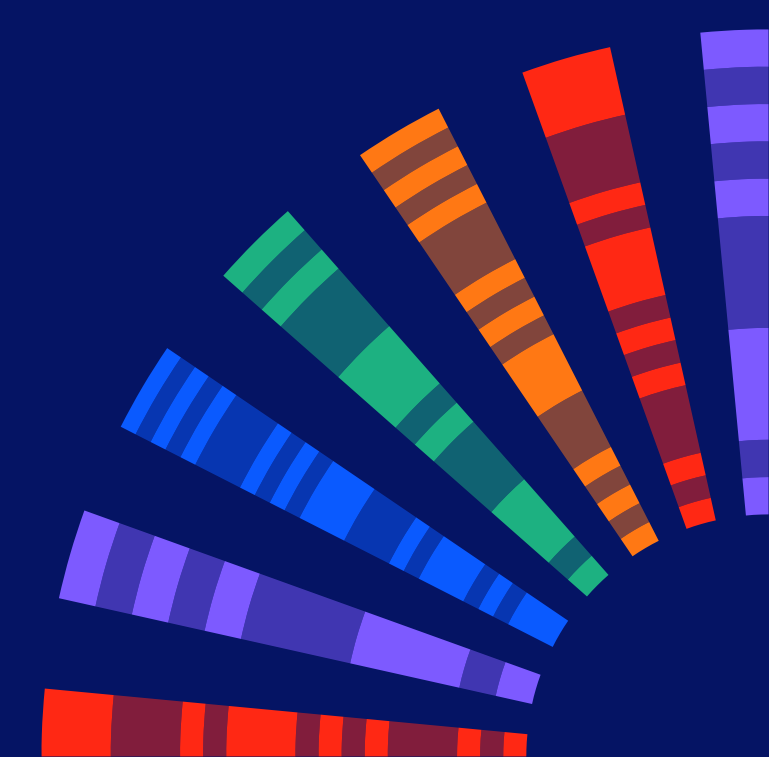
GCE AL	IB	AP and SAT
2A*1A	38	Grade 5 in three AP subjects and Grade 4 in two additional AP subjects or SAT 1400



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GRADUATE EMPLOYMENT





Monthly Salary

Year	BASc(FinTech)				HKU			
	Average		Maximum		Average		Maximum	
	Basic	Gross	Basic	Gross	Basic	Gross	Basic	Gross
2024	33,854	34,495	55,465	55,465	32,357	33,492	100,000	157,500
2023	33,568	37,338	57,420	79,895	30,821	31,982	140,000	140,000



List of Employers (2023 & 2024)

Accenture
Airport Authority Hong Kong
Bank of America
BNP Paribas
China Construction Bank (Asia) Corporation Limited
Florens Asset Management Company Limited
IBM
Liquidnet
Nomura International (Hong Kong) Limited
OKX
PricewaterhouseCoopers HK
Sumitomo Mitsui Banking Corporation Hong Kong
The Hongkong and Shanghai Banking Corporation Limited

Job Titles (2023 & 2024)

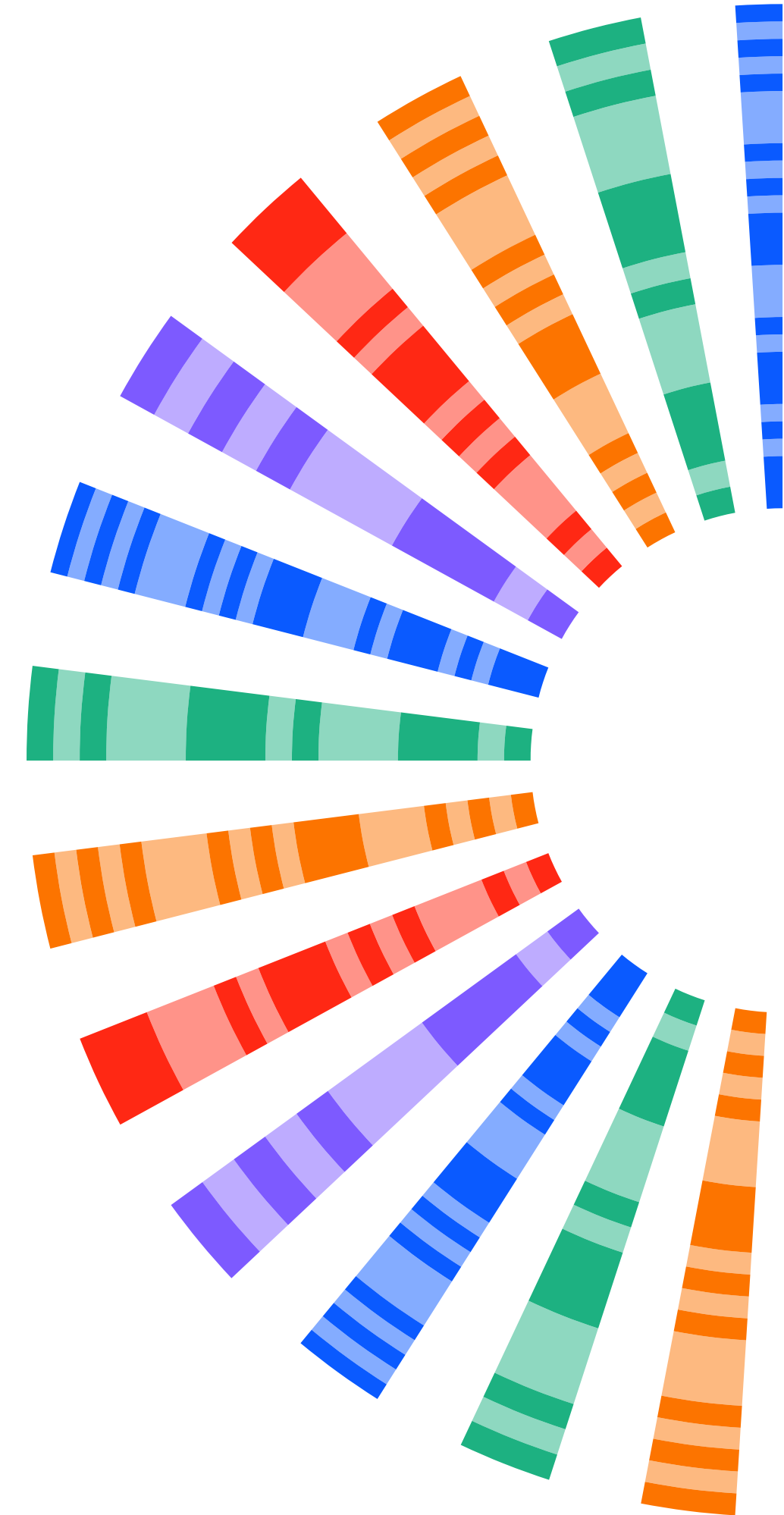
Analyst
Automated Market Making Strategist
Custom Software Engineering Analyst
Engineer
Global Marketing Officer
Graduate Trainee
IT officer
Junior Product Manager
Management Trainee
Quant Trader
Software Developer
Technology Analyst
Technology Graduate
Trainee Administrator



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Q&A Session

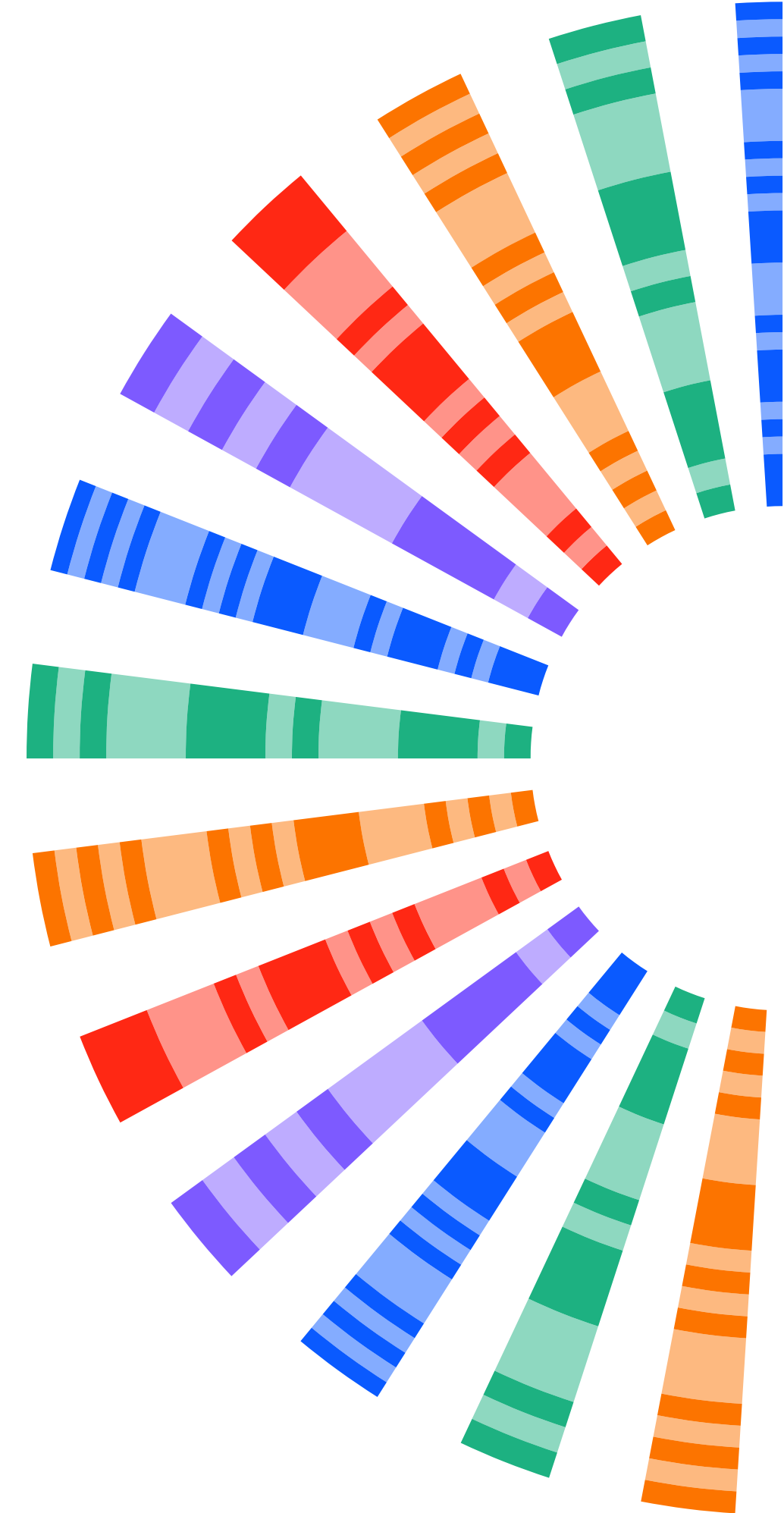
Online Survey





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Thank you!





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Contact us

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Website: cds.hku.hk

Instagram: [@hku.cds](https://www.instagram.com/hku.cds)

