## **List of Potential Supervisors**

Faculty	Email	Research Interests
Dr. Bethany M.Y. Chan	bethchan@hku.hk	Deep learning
Dr. Hilton K.H. Chan	hilton@ust.hku.hk	Financial Computing
Dr. Hubert T.H. Chan	hubert@cs.hku.hk	Algorithms, Combinatorial Optimization, Discrete Metric Spaces, Graphs and Information Networks, Security & Privacy
Dr. K.P. Chan	kpchan@cs.hku.hk	Pattern Recognition, Chinese Computing, Facial Expression Recognition, Machine Learning
Dr. Reynold C.K. Cheng	ckcheng@cs.hku.hk	Database and Uncertainty Management
Professor David W.L. Cheung	dcheung@cs.hku.hk	Data engineering, data mining, outsourcing data mining, data integration, interoperability theory, semantic search, e-commerce technology, and SOA
Dr. T.W. Chim	twchim@cs.hku.hk	Network Security, Cryptography, Privacy, Networking
Professor Francis Y.L. Chin	chin@cs.hku.hk	Design and Analysis of Algorithms, Machine Learning and Bioinformatics
Professor G. Chiribella	giulio@cs.hku.hk	Quantum information theory, quantum networks, information-theoretic foundations of quantum mechanics.
Dr. Y.K. Choi	ykchoi@cs.hku.hk	Medical visualization, geometric computing and computer graphics
Dr. K.P. Chow	chow@cs.hku.hk	Computer Forensics, Digital Investigation, Data Privacy, Cryptography, Computer Security
Dr. C.K. Chui	ckchui@cs.hku.hk	Engineering Education, Data Mining, Cloud Computing
Dr. Ronald H.Y. Chung	hychung@cs.hku.hk	Internet Computing, Video Coding, Video/Image Processing, Real-Time Processing
Dr. Heming Cui	heming@cs.hku.hk	Distributed systems, blockchains, big-data platforms, intelligent UAV/networks, and AI systems
Dr. Zhiyi Huang	zhiyi@cs.hku.hk	Algorithms, Optimization, Game Theory, Privacy
Professor Benjamin C.M. Kao	kao@cs.hku.hk	Database Management Systems, Data Mining, Real-time Systems, and Information Retrieval Systems
Professor T.W. Lam	twlam@cs.hku.hk	Algorithms, Bioinformatics & Big Data Analytics
Professor Francis C.M. Lau	fcmlau@cs.hku.hk	Operating Systems, Parallel and Distributed Computing, Wireless Networks, Object- oriented Programming, Computer Music, Internet and the Web.
Dr. Vincent M.K. Lau	vmklau@cs.hku.hk	User interface, Embedded system, Mobile system, Chinese character, Font and input technologies
Mr. Frankie F.K. Li	fkfli@cs.hku.hk	Computer Forensics, Malware Analysis
Dr. H. Luo	haoluo@hku.hk	Big data analytics in health and mental health, ageing and gerontology, psychological measurement
Dr. Ruibang Luo	rbluo@cs.hku.hk	Computational Biology, Cancer Genomics, Parallel Computing
Mr G. Mitcheson	georgem@cs.hku.hk	Evolutionary Computation and Design, Evolvable Hardware, Reconfigurable Computing, Software Engineering

bruno@cs.hku.hk	Programming Languages, Modularity, Functional Programming, Object-Oriented Programming
jpan@cs.hku.hk	Robotics and Artificial Intelligence
juergen@hku.hk	Artificial Intelligence, Financial Services
sdirk@cs.hku.hk	Computer Vision, Machine Learning, Artificial Intelligence
cdshum@cs.hku.hk	Financial Computing
atctam@cs.hku.hk	Cluster Computing, Parallel Computing, High-speed Communication, Operating Systems Concept and Performance Benchmarking
hfting@cs.hku.hk	Bioinformatics, Design and Analysis of Algorithm, Computational Complexity
xionghao0011@126.com	Financial Computing
clwang@cs.hku.hk	Operating Systems, Virtual Machines and Cloud Computing, Manycore and GPU Computing, Large-scale Distributed Deep/Machine Learning Systems
wenping@cs.hku.hk	Computer Graphics, Computer Vision, Robotics, AI for Medical Imaging, Geometric Modeling, Human-Computer Interaction, Scientific Visualization, Virtual Reality (VR/AR).
kykwong@cs.hku.hk	Camera calibration, 3D model reconstruction, motion estimation, motion tracking, image segmentation, digital video surveillance, face recognition, medical imaging.
cwu@cs.hku.hk	Computer networking: cloud computing, data centre networking, online/mobile social networks
clyip@cs.hku.hk	Meteorological Computing, Data Mining, Computer Music Processing, Multilingual Systems
swryiu@cs.hku.hk	Computer and Network Security
smyiu@cs.hku.hk	Computer Security, Cryptography, Bioinformatics
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