## List of Potential Supervisors

| Faculty | Email | Research Interests |
| --- | --- | --- |
| Dr. Allen M.H. Au | allenau@cs.hku.hk | Information security, applied cryptography, blockchain technology, and related applications |
| Dr. Bethany M.Y. Chan | bethchan@hku.hk | Deep Learning |
| 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 and Cryptography, Mobile Technologies and Applications, Computer Games |
| 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 | Theoretical Computer Science, Algorithmic Game Theory, Online Algorithm, Differential Privacy |
| Professor Benjamin C.M. Kao | kao@cs.hku.hk | Database Management Systems, Data Mining, Real-time Systems, and Information Retrieval Systems |
| Dr. K. M. Lam | kmlam@cs.hku.hk | Artificial Intelligence, Engineering Education, Mobile Technologies and Applications |
| Professor T.W. Lam | twlam@cs.hku.hk | Algorithms, Bioinformatics & Big Data Analytics |
| Professor Francis C.M. Lau | fcmlau@cs.hku.hk | Blockchain, Machine learning, Algorithms |
| 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. P. Luo | pluo@cs.hku.hk | Computer Vision, Machine Learning, Deep Learning |

## List of Potential Supervisors

| Faculty | Email | Research Interests |
|---|---|---|
| Dr. Ruibang Luo | rbluo@cs.hku.hk | Bioinformatics, Precision Medicine, Genome Study, Metagenomics, Health Informatics |
| Mr G. Mitcheson | georgem@cs.hku.hk | Evolutionary Computation and Design, Evolvable Hardware, Reconfigurable Computing, Software Engineering |
| Dr. B. Oliveira | bruno@cs.hku.hk | Programming Languages, Modularity, Functional Programming, Object-Oriented Programming |
| Dr. J. Pan | jpan@cs.hku.hk | Robotics and Artificial Intelligence |
| Dr. Juergen H. Rahmel | juergen@hku.hk | Artificial Intelligence, Financial Services |
| Dr. R. Ramanathan | ravi@cs.hku.hk | Quantum Information Theory, Quantum Cryptography, Device-Independent Quantum Information Processing, Foundations of Quantum Mechanics |
| Dr. Dirk Schnieders | sdirk@cs.hku.hk | Computer Vision, Machine Learning, Artificial Intelligence |
| Dr. C.D. Shum | cdshum@cs.hku.hk | Financial Computing |
| Dr. Anthony T.C. Tam | atctam@cs.hku.hk | Cluster Computing, Parallel Computing, High-speed Communication, Operating Systems Concept and Performance Benchmarking |
| Mr. Ricky Tang | wmtang2@gmail.com | Cyber Security |
| Dr. H.F. Ting | hfting@cs.hku.hk | Bioinformatics, Design and Analysis of Algorithm, Computational Complexity |
| Dr. Hao Xiong | xionghao0011@126.com | Digital Currency, Cybercurrency Visualization |
| Professor C.L. Wang | clwang@cs.hku.hk | Operating Systems, Virtual Machines and Cloud Computing, System Software on Manycore, GPU and AI chips, Large-scale Distributed Deep/Machine Learning Systems |
| Professor Wenping Wang | wenping@cs.hku.hk | Computer Graphics, Computer Vision, Robotics, AI for Medical Imaging, Geometric Modeling, Human-Computer Interaction, Scientific Visualization, Virtual Reality (VR/AR). |
| Dr. Kenneth K.Y. Wong | kykwong@cs.hku.hk | Camera calibration, 3D model reconstruction, motion estimation, motion tracking, image segmentation, digital video surveillance, face recognition, medical imaging. |
| Dr. C. Wu | cwu@cs.hku.hk | Computer networking: cloud computing, data centre networking, online/mobile social networks |
| Dr. Beta C.L. Yip | clyip@cs.hku.hk | Meteorological Computing, Data Mining, Computer Music Processing, Multilingual Systems |
| Dr. Russell S.W. Yiu | swryiu@cs.hku.hk | Computer and Network Security |
| Professor S.M. Yiu | smyiu@cs.hku.hk | Computer Security, Cryptography, Bioinformatics |
| Professor Y.Z. Yu | yzyu@cs.hku.hk | Artificial Intelligence (AI), Machine Learning, Computer Vision, Visual Media, VR/AR |
| Dr. John T.H. Yuen | thyuen@cs.hku.hk | Cryptography, privacy-preserving protocols, blockchain |
| Dr. J.R. Zhang | jrzhang@cs.hku.hk | Quantitative Finance |