

MSc(CS) Project Allocation Result (2023-24)

Project Title	Mentor	Stream	Student Name
CoHUB: Cross-platform Hierarchical Unified Bookmark	Dr. T.W. Chim	Multimedia Computing	An Yuao
			Chen Rui
			Chen Xingnuo
			Zhang Shidi
			Zhou Xinyi
LLM in Financial Industry	Prof. H.F. Ting	Financial Computing	Bai Songlin
			Liu Wei
			Wang Tiantian
			Wang Zhiyuan
			Zhang Jiayi
Food Delivery Ordering Platform Development	Dr. T.W. Chim	Multimedia Computing	Bao Bolun
			Liu Yaoxuan
			Wu Jiabao
			Wu Yongwei
Automatic Characters Recognition Based on Deep Learning	Dr. Dirk Schnieders	General	Bao Qinghang
			Cui Longjie
			Fang Zhihao
			Li Chentao
			Liu Zhengze
Real-time Analytics for Streaming Data of Different Social Media Platforms	Prof. Bogdan Cautis	General	Bao Xintong
			Fu Yilun
			He Yahui
			Wang Yifang
E-commerce Platform with Recommendation System	Dr. Vivien P.S. Chan	General	Cai Runheng
			Chen Ze
			Li Deyu
			Wang Muyin
GPU-accelerated Query Execution in PostgreSQL	Prof. Bogdan Cautis	General	Cao Jia
			Chen Chujun
			Chen Weiqi
			He Zexi
			Yang Sihan

MSc(CS) Project Allocation Result (2023-24)

Project Title	Mentor	Stream	Student Name
A Secure Privacy-preserving Digital Currency Electronic Payment System	Dr. Vivien P.S. Chan	Cyber Security & Financial Computing	Cao Tianming
			Feng Xiangdi
			Liu Xiangkun
			Luo Tianyuan
			Shen Yixuan
ElderCare - A Platform of Health Monitoring and Care Services for the Elders	Dr. T.W. Chim	Multimedia Computing	Cao Yuwei
			Li Yuanyuan
			Xiao Ziting
			Zhang Yi
Machine Learning in Option Trading of US Equity Indices	Dr. J.R. Zhang	Financial Computing	Chan Chi Hang
			Chan Hin Yue
			Tang Tim Wai
			Wong Chun Ming
Optimizing Pair Trading Strategies: A Machine Learning Approach to Identifying and Exploiting Financial Market Efficiencies	Prof. H.F. Ting	Financial Computing	Chan Ching Hei
			Chung Man Fai
			Wong Hin Tsung
			Yeung Yin Ping
			Yung Mei Kay
Real-Time Event Detection and Insights Platform Using NLP	Dr. Dirk Schnieders	General	Chan Chiu Yuet
			Cheung Shu Man
			Leung Shuk Yan
Implementation of Blockchain Technology to Digitalize Property Deed for Transaction, Mortgage and Building Orders	Dr. Vivien P.S. Chan	Cyber Security & Financial Computing	Chan Chun Wang
			Chiu Kin Nang
			Fung Ka Yan
			Lau Nam Hung
			Tsui Tsz Hin
Machine Learning-driven Trading Strategies Platform	Dr. Vivien P.S. Chan	Financial Computing	Chan Koon Hei Steve
			Poon Yuen Man
			Wong Tsz Ho
			Yeung Oscar
Machine Learning-based Stock Market Prediction and Insights	Dr. Vivien P.S. Chan	Financial Computing	Chan Yi Wai
			Chan Yik Ching
			Tsui Hiu Ting

MSc(CS) Project Allocation Result (2023-24)

Project Title	Mentor	Stream	Student Name
Plug-in for Capturing Dynamic Information	Dr. Loretta Y.K. Choi	Multimedia Computing	Chen Ge
			Gao Xinxiang
			Lu Xinyu
			Yu Changkun
			Zau Ka Ming
Quantitative Automatic Trading Model Based on Factor Stock Selection	Dr. Dirk Schnieders	Financial Computing	Chen Jing
			Peng Ying
			Tang Wenyi
			Yao Jinjing
			Zhang Chen
MotionMentor: Interactive Coaching through Monocular Motion Capture	Dr. Loretta Y.K. Choi	Multimedia Computing	Chen Kewen
			Liu Jiahao
			Meng Tan
			Wang Zhaohui
			Zhu Kaipeng
A Secure Multimedia Storage and Sharing Platform Based on Cloud Storage	Dr. Loretta Y.K. Choi	Cyber Security & Multimedia Computing	Chen Shenyang
			Li Zhaochen
			Yan Shaochong
			Zhang Hengwei
A YOLO-based Mobile Waste Detection System with AI-generated Data in Low-light Environments	Dr. Loretta Y.K. Choi	Multimedia Computing	Chen Tingyu
			Du Yutong
			Jiang Weikang
			Zhang Zhile
A review of Cyber Security Index of Hong Kong and the Role of Law Enforcement	Dr. Vivien P.S. Chan	Cyber Security	Chen Tsz Chuen
			Ho Ka Ho
			Hui Kwan Kit
			Ma Ming Lut
			Yam Ho Yin Michael
A Mental Support Chatbot Features a Large Language Model (LLM) with a User-LLM-user Sandwich Architecture, Creating a Well-regulated Environment without Language Barriers for Users	Prof. S.M. Yiu	Cyber Security	Chen Xingyi
			Cheung Kiki
			Lee Tsz Shan Jessica
			Wu Yuxuan
			Yan Wenhao

MSc(CS) Project Allocation Result (2023-24)

Project Title	Mentor	Stream	Student Name
Integrated Wellness Platform for Elderly	Dr. T.W. Chim	Multimedia Computing	Chen Yihan
			Cheung Kai Sum
			Jiang Yutong
			Lam Wun Yin
			Zhao Zisheng
Multimedia Platform Based on Front-end and Back-end Architecture and AI	Dr. Loretta Y.K. Choi	Multimedia Computing	Chen Yiwen
			Liang Xinwen
			Liu Jialin
			Ning Wanxue
AutoDeepSurv: an Automated Machine Learning Survival Low-code Web Platform	Dr. Dirk Schnieders	Multimedia Computing	Chen Ziyang
			Li Xuancheng
			Li Yao
			Zhao Kangwen
			Zhao Qifan
SecureAI: Leveraging Fine-tuned LLMs and Deep Learning for Cyber Security Analysis and Threat Intelligence	Dr. Vivien P.S. Chan	Cyber Security	Cheung Sin Shing
			Chow Sau Ho
Integrating Quantitative Trading Rules with Deep Learning for Arbitrage Opportunities	Dr. Dirk Schnieders	Financial Computing	Chi Xinran
			Ji Xiaoze
			Lai Ziyi
			Yu Tianyu
			Zhang Qihui
Streamlined Annual Report Analysis: Enhancing Financial Insight with Large Language Model	Prof. S.M. Yiu	Financial Computing	Chow Wah Hung
			Kei Hoi Pan
			Kong Kwai Lan
			Li Chin Ling
			Wong Yan Lui
Stock Price Prediction App Development	Dr. T.W. Chim	Financial Computing	Cui Zhangxiong
			Liu Shuxu
			Liu Zhiyan
Quantitative Investment Model for Convertible Bonds Based on Machine Learning	Dr. Vivien P.S. Chan	Financial Computing	Dai Ling
			Ding Xiaoshan
			Li Mingrui
			Xu Xiaoxiang
			Zeng Jiayuan

MSc(CS) Project Allocation Result (2023-24)

Project Title	Mentor	Stream	Student Name
Cloud-driven NLP Toolkit Web Platform with Distributed Data Processing and Deep Learning Integration	Dr. Vivien P.S. Chan	General	Dai Zhihua
			Lai Mingchao
			Li Xiaolong
			Shi Beiyu
			Xie Binghong
Internet Financial Products Trading Platform	Dr. Vivien P.S. Chan	Financial Computing	Dela Cruz Aragorn Joaquin Pineda
			Ma Xiaoyong
			Wu Feifan
			Xiao Difei
Digital Asset Trading Platform Based on Blockchain Technology	Dr. Dirk Schnieders	Cyber Security & Multimedia Computing	Ding Yingzhou
			Li Yazhou
			Mao Xiangyue
			Zhu Haibin
			Zhu Tingxuan
Integrating Deep Learning and Advanced Analytics for Enhanced Real-time Stock Price Prediction	Dr. Loretta Y.K. Choi	Financial Computing	Dong Yingbo
			Liu Peichu
			Ma Zihan
			Tang Yida
			Wang Yuxin
Intelligent Financial Statement Analysis System with Deep Learning and OCR Based Financial Information Extraction, Structuring and Risk Analysis	Prof. Chao Huang	Financial Computing	Du Baiwen
			Lyu Jianing
			Men Yutong
			Yu Hanlu
			Yu Rui
3D Scene Generation Based on Customizable Prompt	Dr. Dirk Schnieders	Multimedia Computing	Fan Liaoyuan
			Huang Bingran
			Jiao Hanqing
			Liu Meilin
			Xu Jingyi
Investment Strategy Based on Machine Learning and Data Mining Approaches	Dr. J.R. Zhang	Financial Computing	Feng Xuanming
			Ji Chengpeng
			Li Zixi
			Wang Chutian
			Wang Leiying

MSc(CS) Project Allocation Result (2023-24)

Project Title	Mentor	Stream	Student Name
BagTracker: Intelligent AI powered Mobile App for Recognition, Price forecast and Tracking of Luxurious Handbags	Dr. T.W. Chim	Financial Computing	Feng Yan
			Xu Weijia
			Ying Yuanyuan
			Zhang Yixin
Machine Learning-driven and Deep Learning-driven Quantamental Investing	Dr. J.R. Zhang	Financial Computing	Fu Mingche
			He Yijing
			Liu Yansheng
			Wen Xin
Advanced Crypto Trading Platform	Prof. H.F. Ting	Financial Computing & Multimedia Computing	Gai Tianjiao
			Liang Guoxun
			Lin Zikang
			She Jiayao
Intelligent Writing Platform Combining AI Tools	Dr. Dirk Schnieders	General	Gao Qingwei
			Wang Weimin
			Wu Yinhai
			Xie Yuheng
			Zhou Ning
Millimeter-wave-based Vital Signs Monitoring System	Prof. Chenshu Wu	General	Gao Yufan
			Huang Ruiming
			Zhuge Yunxiao
Cryptocurrency Anti-money-laundering Tool	Prof. S.M. Yiu	Cyber Security	Gao Zhanpeng
			Mao Xiyu
			Zhuang Zhou
Practical Implementation of Network Intrusion Detection System Based on Machine Learning and Deep Learning	Dr. Vivien P.S. Chan	Cyber Security	Gudge James Thomas Matthew
			Qiu Jiaqi
			Shen Junkai
			Zhang Shuhao
Interactive Website for Visualized Market Analysis and Forecasting with AI	Dr. Loretta Y.K. Choi	Financial Computing	Guo Feiyue
			Liang Haolong
			Lo Tin Yau Geoffrey
			Xue Yawen

MSc(CS) Project Allocation Result (2023-24)

Project Title	Mentor	Stream	Student Name
Exploring the Efficacy of Deep Learning Algorithms for Price Prediction in High-Frequency Trading	Dr. Dirk Schnieders	Financial Computing	Guo Yansong
			Qiao Shizhan
			Qiu Guanzong
			Yan Chenjia
			Zhao Jingyu
Credit Card Fraud Detection	Dr. Vivien P.S. Chan	Financial Computing	Han Yuhe
			Hong Ru
			Liu Bojin
			Zhang Ziye
Machine Learning-based System for Stock Prediction and Trading Strategy Development	Prof. H.F. Ting	Financial Computing	Hao Yingting
			Liu Ziqi
			Sun Jiaran
			Xin Zenghui
			Zou Zhe
Visible Financial Computing	Dr. Loretta Y.K. Choi	Financial Computing & Multimedia Computing	He Chenrui
			Li Yanpeng
			Wang Yifan
			Xu Yunshi
			Ying Huanxu
Blockchain-based Crowdfunding Platform	Dr. Vivien P.S. Chan	Cyber Security & Financial Computing	He Lin
			Huang Jiawen
			Huang Keyi
Credit Scoring Algorithms Based on Machine Learning	Prof. H.F. Ting	Financial Computing	He Shiyi
			Lei Furong
			Sun Qianqian
			Wong Chi Fung
			Zhao Xinyi
Restaurant Management Platform	Dr. T.W. Chim	Cyber Security	Heng Zongyang
			Liu Yutong
			Qiu Wenjie
			Tan Qi
			Zhou Yuen

MSc(CS) Project Allocation Result (2023-24)

Project Title	Mentor	Stream	Student Name
Trading Strategy for FX & Cryptocurrencies Options Using Machine Learning	Dr. T.W. Chim	Financial Computing	Hong Lu
			Lau Chun Hong
			Zhao Yang
StockSense: Financial Forecasting and Consulting Platform	Prof. H.F. Ting	Financial Computing & Multimedia Computing	Hou Xinyi
			Liao Haotian
			Liu Yuchen
			Pan Mingyuan
Large Language Models for Graph-Based Recommendation System	Dr. Dirk Schnieders	General	Tian Yuqing
			Hu Bin
			Meng Kuangyi
			Shi Ruiqi
Stray Animal Adoption and Rescue Android App Based on Locations	Dr. T.W. Chim	Multimedia Computing	Zeng Dewei
			Huang Lingxiao
			Ma Qian
			Wang He
Enhanced Stock Price Prediction Using Hybrid Time-series and LLM Qualitative Analysis	Prof. H.F. Ting	Financial Computing	Zhang Jiayi
			Huo Yunchuan
			Liu Hongkun
			Zhang Zichen
A Rougelike Card Game Utilizing AI and Machine Learning	Dr. Dirk Schnieders	Multimedia Computing	Zhu Xinrong
			Jiang Zhuocheng
			Liu Feiyu
			Luan Haoran
			Wang Qiaoyi
Immersive Multi-player RPG Game Development Based on Unity	Dr. T.W. Chim	Multimedia Computing	Xu Xiaoyu
			Kan Sin Hang
			Lei Yuxin
			So Ching Hei
ActiviFit: Empowering Holistic Well-being through Intelligent Exercise Coaching and Nutritional Tracking	Dr. Dirk Schnieders	Multimedia Computing	Wu Peilin
			Kang Zheming
			Lam Kam Kwan
			Wong Yin Kit
			Yang Yulin

MSc(CS) Project Allocation Result (2023-24)

Project Title	Mentor	Stream	Student Name
MyCampus - A Smart Campus Web Application	Dr. T.W. Chim	Multimedia Computing	Kou Xinyi
			Lyu Chenfei
			Wang Sihang
			Zhu Ruotong
Quantitative Trading in Cryptocurrencies and/or Options Using Machine Learning	Dr. J.R. Zhang	Financial Computing	Lai Chun Kit
			Li Shumin
			Zhu Yunqi
Machine Learning and Deep Learning in Stock Price Prediction amid Market Anomalies	Dr. J.R. Zhang	General	Lam Tsz Yin
			Lau Chi Fung
			Law Vanessa
Exploring Cybersecurity Vulnerabilities in Internet of Things (IoT) Devices: a Comparative Analysis of Hacking Techniques and Findings	Prof. S.M. Yiu	Cyber Security	Lau Chun Man
			Man Heung Wing
			Sham Yik Yee
			Wong Kat Ling
			Yeung Christy Ashley
Automated Reasoning in Mathematical Proving	Dr. Loretta Y.K. Choi	General	Laubel Camille Gerard Gregoire
			Leung Ho Fai
			Li Ho Iu
			Lui Sai Ping
AI-assisted Legal Advisor on Trademark Searches & Applications in Hong Kong	Prof. Ben C.M. Kao	Financial Computing & Multimedia Computing	Lee Kwai Fan
			Sze Lung Wai
			Wu Pak Yiu Byron
			Yan Tsang Ying
			Yeung Yue Lam
Digital Voting System Based on Blockchain	Dr. Vivien P.S. Chan	Cyber Security	Li Dingyu
			Wang Yiming
			Wu Encheng
			Yang Jingwen
			Zhang Yuan
Empowering Financial Visualization in Business Intelligence with LLM Agent: On-demand Visualizations with Your Chatbot Assistant	Dr. Loretta Y.K. Choi	Financial Computing	Li Jiajun
			Liang Shihao
			Zhong Ruohan

MSc(CS) Project Allocation Result (2023-24)

Project Title	Mentor	Stream	Student Name
A Rougelike Game with AI and Cyber Security Technology	Dr. T.W. Chim	Cyber Security & Multimedia Computing	Li Jingyang
			Ping Yifeng
			Tian Yunjia
			Wang Nizhi
			Zhang Lujin
Real-time Video-based Action Detection & Recognition	Dr. Dirk Schnieders	General	Li Yuen Tat
			Siu Ka Ying
			Tam Chi Ho
			Wong Chak Lam
Development and Design of Take-out System	Dr. T.W. Chim	Multimedia Computing	Li Zhuchun
			Wang Shaohang
			Ye Lun
Architectural Evolution and Governance in the Big Data Era	Dr. Vivien P.S. Chan	General	Li Zihang
			Liang Zhiyuan
			Ren Yi
Development of 3D Game Based on Unity and Blender	Dr. Loretta Y.K. Choi	Multimedia Computing	Lin Wentao
			Luo Zihan
			Pang Boyi
			Su Zihan
			Xie Junjie
Computer Vision-based Traffic Light Image Recognition and Classification for Autonomous Driving	Dr. Loretta Y.K. Choi	Multimedia Computing	Lin Xiaojian
			Liu Haocheng
			Niu Tianjin
			Wang Hao
			Wang Zihan
Project of a Healthcare-assistance App with Generative AI Integration	Dr. T.W. Chim	Multimedia Computing	Lu Zheng
			Wang Haoshi
			Zhang Zhuan
Long-term Memory Capable Persona Daily Chatbot Based on Light Weight Language Model	Dr. Dirk Schnieders	General	Lu Zixuan
			Wang Yilin
			Yi Heng
			Zhong Hao
			Zhou Xingjian

MSc(CS) Project Allocation Result (2023-24)

Project Title	Mentor	Stream	Student Name
Systematic Alpha Mining with Genetic Programming	Dr. J.R. Zhang	Financial Computing	Luo Hankun
			Wu Yulun
			Yuan Mengqiao
			Zhang Yundi
			Zhao Zhifei
AI-enhanced Business Intelligence (AIBI) Platform	Dr. Vivien P.S. Chan	General	Mi Yani
			Qin Zhiyuan
			Xiong Zezhou
			Zhang Jingzhuo
Deepfake Generation and Detection Based on Deep Learning	Dr. Loretta Y.K. Choi	Cyber Security & Multimedia Computing	Qian Jin
			Shao Qiwen
			Sun Yiyang
			Wei Tao
Language Learning Mobile Application - Language Learning Buddy	Dr. T.W. Chim	Multimedia Computing	Wang Xi
			Wang Yixin
			Wang Yixuan
			Zhang Xinyu
			Zhang Yike