

## List of Project Supervisors, Co-examiners &amp; Second Assessors

## BSc (Hons) in Computing/CS/EIS/IT (61431/61435-FCS/FIS/FIT/SYC/SYS)

Student Number	Supervisor	Co-Examiner	2nd Assessor	Project Title
18038341D	GUO Jingcai	LIN Wanyu	LIU Yang Veronica	Exploring Discriminative and Efficient Data Representation for Zero-shot Learning
18080434D	YANG Bo	LYU Mingsong	PATHAK Ajay Kumar	Semantic Segmentation of 3D Point Clouds
19088901D	CAO Yixin	LI Bo	LOU Wei	Dual-pivot quicksort
19091827D	LI Yongqi	LIN Wanyu	LI Amelia	Large Language Model based AI Search Engines
20043388D	WANG Qixin	TAYYAB Muhammad	WU Xiaoming	An online reservation system for teaching
20051453D	LOU Wei	XIE Hongcheng	WANG Qixin	Fine-tune the LLMs to defend against multi-model jailbreak attacks
20061033D	TAYYAB Muhammad	MOHAMMED Aquil Mirza	WU Xiaoming	Intelligent Educational Systems
21027172D	LAI Kim Hung	DI Yining	LUI Richard	Development of Laboratory Information System (LIMS) for operation performance enhancement
21075463D	LAI Kim Hung	DI Yining	LUI Richard	Robot Arm Control System for Concrete Cube Handling
21080003D	FUNG Walter	LAI Kim Hung	LEONG Hong-va	A Text Analysis Framework for Intellectual Property Valuation: A Case Study of Framework Laptop Based on Text Mining
21082165D	PANG Wai Man	ZHANG Jason	CHENG Ran	LLM-based AR Application for Landmark Identification in University Campus
21082768D	FUNG Walter	LAI Kim Hung	LEONG Hong-va	Text Mining: Analyze the trustworthiness of stablecoins for individuals, investors and society through social media
21084115D	CHAN Henry	MIAO Hao	LIU Yang Veronica	AI-based Computing System/Application
21089148D	XIA Xianjin	ZHOU Kai	ZHENG Yuanqing	LLM for Smart Agriculture
21091229D	YIU Ken	LI Haoyang	PEI Max	Simulator for a data storage device
21102177D	TANG Jeff	PANG Wai Man	CHENG Ran	Interactive Augmented Reality and Mixed Reality Guidance System with Virtual Avatars
21102497D	YIU Ken	SHI Jieming	PEI Max	Simulator for a data storage device
21110974D	LUI Richard	TANG Jeff	LOU Wei	Data visualization development for Hong Kong Observatorys meteorology data and flight data for aviators
22000611D	MOHAMMED Aquil Mirza	ZHANG Mingjin	ZHENG Yuanqing	INTEGRATING MQTT AND ESP32-S3 FOR IoT EDGE COMPUTING ON RASPBERRY PI WITH MACHINE LEARNING CAPABILITIES
22009275D	LUI Richard	HUANG Xiao	CHUNG Korris	Reimagining Education with GenAI
22020876D	LAI Kim Hung	DI Yining	LUO Daniel	AI-powered system to automate the detection of developmental defects in zebrafish embryos
22026922D	YIU Ken	LI Haoyang	PEI Max	Simulator for a data storage device
22027005D	LI Bo	MIAO Hao	CAO Yixin	Personlized Recommendations System

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22027226D	WU Xiaoming	WU Jibin	LI Maggie	Emotion Recognition in Conversation with Deep Learning
22040966D	FUNG Walter	LAI Kim Hung	LEONG Hong-va	Digital Transformation with AI integration for industry
22042023D	WANG Qixin	TAYYAB Muhammad	WU Xiaoming	An online reservation system for teaching
22042221D	TAN KC	WU Jibin	LIU Yang Veronica	Evolutionary Algorithms for Multi-Objective Routing and Packing Optimization Problems
22053622D	MOHAMMED Aquil Mirza	ZHANG Mingjin	YANG Ray	SMART DOOR AND WINDOW AUTOMATION SYSTEM USING AIoT FOR REAL-TIME ACCESS CONTROL
22055747D	MOHAMMED Aquil Mirza	ZHANG Mingjin	YANG Ray	SMART DOOR AND WINDOW AUTOMATION SYSTEM USING AIoT FOR REAL-TIME ACCESS CONTROL
22056774D	LUI Richard	TANG Jeff	CAO Yixin	Interactive learning activities and Simulation Game Development
22063545D	LI Amelia	LI Yongqi	LI Maggie	Interactive Storytelling for Elderly-Friendly RPG Games
22064924D	SIN Zackary	NG Peter	PATHAK Ajay Kumar	Photorealistic Game Development with Neural Rendering
22071976D	HUANG Xiao	FAN Wenqi	ZHENG Yuanqing	Effective Retrieval-Augmented Generation for LLM Reasoning in Computer Science Exercise Answering
22072943D	TAYYAB Muhammad	MOHAMMED Aquil Mirza	WU Xiaoming	Automated Educational Management and Decision Support
22074221D	MOHAMMED Aquil Mirza	ZHANG Mingjin	ZHENG Yuanqing	INTEGRATING MQTT AND ESP32-S3 FOR IoT EDGE COMPUTING ON RASPBERRY PI WITH MACHINE LEARNING CAPABILITIES
22074373D	FUNG Walter	LAI Kim Hung	LEONG Hong-va	Digital Transformation with AI integration for industry
22075043D	PEI Max	HE Ningyu	WANG Qixin	Teaching-Oriented Online Code Editor
22076162D	HUANG Xiao	WANG Xiangmeng	ZHENG Yuanqing	Evaluating LLMs with Challenging Questions in Computer Science
22076383D	CAO Yixin	LI Bo	LIU Yang Veronica	Java-implemented Powersort: Worth the Sacrifice on Maintainability for Performance?
22076613D	PANG Wai Man	ZHOU Hao	LIU Yang Veronica	Embedded AI for the Multifunctional Delivery Robot
22077297D	GUO Jingcai	LIN Wanyu	LIU Yang Veronica	Machine Learning-Based Food Recognition and Consumption Estimation for In-Flight Meal Trays
22077541D	HE Chenhang	YANG Bo	PATHAK Ajay Kumar	Blind Drone Image Restoration Optimization with Real-ESRGAN
22079056D	FUNG Walter	LAI Kim Hung	LEONG Hong-va	Digital Transformation with AI integration for industry
22079086D	SHI Jieming	WU Yujie	LIU Yang Veronica	Financial Knowledge Graph Augmented Retrieval
22080062D	MOHAMMED Aquil Mirza	ZHANG Mingjin	YANG Ray	DEVELOPMENT OF A ROS-BASED MOBILE ROBOT FOR ENVIRONMENTAL MONITORING AND DATA ANALYSIS
22080154D	LI Haoyang	LI Haoyang	HUA Wen	Retrieval-Augmented Generation for Large Language Model

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22080536D	TANG Jeff	WU Jibin	FUNG Walter	Enhancing Student Engagement in Higher Education Through Flipped Classrooms in the Metaverse
22081015D	LI Amelia	YANG Bo	LI Maggie	Adaptive Visual Matching for Backgrounds and Characters in Elderly-Friendly RPG Games
22081082D	FUNG Walter	LAI Kim Hung	LEONG Hong-va	Digital Transformation with AI integration for industry
22081328D	WU Yujie	WANG Xiangmeng	LIU Fiona	Financial Time Series Prediction Using Advanced Neural Network Models
22081625D	LI Haoyang	SHI Jieming	HUA Wen	Text2SQL with LLMs
22081717D	LOU Wei	GUO Jingcai	WANG Qixin	Collaborative block-building robot
22081809D	LAI Kim Hung	DI Yining	LUI Richard	Robot Arm Control System for Concrete Cube Handling
22081908D	LAI Kim Hung	DI Yining	LUI Richard	Robot Arm Control System for Concrete Cube Handling
22082293D	ZHOU Alexander Tiannan	ZHANG Jason	CHUNG Korris	A Platform for Smart Data Storage and Retrieval for the Benefit of PolyU Students
22082302D	LIU Yu	WEN Zhiyuan	ZHENG Yuanqing	Campus Guardian: Edge AI Safety Response System
22082431D	TANG Jeff	PANG Wai Man	CHENG Ran	Interactive Augmented Reality and Mixed Reality Guidance System with Virtual Avatars
22083543D	SHI Jieming	WU Yujie	LIU Yang Veronica	Anomaly Detection on Graphs
22083741D	LI Maggie	WEN Zhiyuan	LI Amelia	Social Robots with Embedded Large Language Models Releasing Stress
22084045D	LUI Richard	TANG Jeff	CAO Yixin	Interactive learning activities and Simulation Game Development
22084167D	LUI Richard	TANG Jeff	LOU Wei	Metaverse for Science Education
22084358D	ZHENG Yuanqing	LYU Mingsong	TAN KC	LLM-based Program Synthesis: Enhancing Code Generation through Execution-Guided Feedback
22085012D	GUO Jingcai	LIN Wanyu	LIU Yang Veronica	Exploring Discriminative and Efficient Data Representation for Zero-shot Learning
22085279D	MOHAMMED Aquil Mirza	ZHANG Mingjin	YANG Ray	SMART DOOR AND WINDOW AUTOMATION SYSTEM USING IoT FOR REAL-TIME ACCESS CONTROL
22086665D	LYU Mingsong	LI Yongqi	YIU Ken	An LLM-Based Question Generation System for the Data Structures Course
22086794D	TANG Jeff	DI Yining	LIU Yang Veronica	Exploring Innovative Applications of IoT Technology in Everyday Life

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22086826D	MOHAMMED Aquil Mirza	XIA Xianjin	ZHENG Yuanqing	DEVELOPING A SMART AUTOMATION SYSTEM USING ARDUINO UNO AND iOS SHORTCUTS FOR EFFICIENT EDGE COMPUTING SOLUTIONS
22086856D	TAYYAB Muhammad	MOHAMMED Aquil Mirza	WU Xiaoming	Automated Code Feedback System for Educational Purpose
22087494D	LAI Kim Hung	DI Yining	LUI Richard	Robot Arm Control System for Concrete Cube Handling
22087593D	LIU Yu	WEN Zhiyuan	ZHENG Yuanqing	Campus Guardian: Edge AI Safety Response System
22087632D	FUNG Walter	LAI Kim Hung	LEONG Hong-va	Digital Transformation with AI integration for industry
22087717D	LAI Kim Hung	DI Yining	LUI Richard	Development of Laboratory Information System (LIMS) for operation performance enhancement
22089283D	LI Maggie	WEN Zhiyuan	LI Amelia	Social Robots with Embedded Large Language Models Releasing Stress
22089407D	WANG Qixin	TAYYAB Muhammad	WU Xiaoming	An online reservation system for teaching
22089992D	LAI Kim Hung	XIE Hongcheng	LUI Richard	Website based online gamification of Extenics named "METS Game"
22090109D	CHUNG Korris	ZHENG Changmeng	LI Maggie	Enhancing HKDSE Preparation: Leveraging LLMs for Tailored Question Generation and Study Support
22093694D	LAI Kim Hung	XIE Hongcheng	LUI Richard	Website based online gamification of Extenics named "METS Game"
22094525D	SIN Zackary	NG Peter	PATHAK Ajay Kumar	Photorealistic Game Development with Neural Rendering
22094716D	SIN Zackary	NG Peter	PATHAK Ajay Kumar	Development of Cooperative AI Agents for Multiplayer Co-op Games Using Multi-Agent Reinforcement Learning
22094868D	HUANG Xiao	FAN Wenqi	ZHENG Yuanqing	Effective Retrieval-Augmented Generation for LLM Reasoning in Computer Science Exercise Answering
22095087D	SIN Zackary	NG Peter	PATHAK Ajay Kumar	Building Believable LLM Agents: A Framework for Immersive Conversational Characters in Games
22096397D	LAI Kim Hung	XIE Hongcheng	LUI Richard	Website based online gamification of Extenics named "METS Game"
22096786D	SHI Jieming	WU Yujie	LUO Daniel	Stock Data Analysis from Time Series Modeling
22096793D	XIA Xianjin	ZHOU Kai	ZHENG Yuanqing	Low Earth Orbit Satellite IoT
22097007D	ZHANG Jason	PANG Wai Man	CAO Yixin	Computing Project
22097189D	ZHANG Zhaorui	WU Yujie	YANG Hongxia	Large Language Model Fine-Tuning and Inference, AI Infrastructure

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22097304D	ZHANG Zhaorui	WU Yujie	YANG Hongxia	Large Language Model Fine-Tuning and Inference, AI Infrastructure
22097327D	LEONG Hong-va	MIAO Hao	CHENG Ran	Learning Data Structures and Concepts via Game Playing
22097419D	LI Maggie	WEN Zhiyuan	LI Amelia	Social Robots with Embedded Large Language Models Releasing Stress
22097456D	CAO Yixin	LI Bo	LOU Wei	Dual-pivot quicksort
22097548D	ZHENG Yuanqing	LYU Mingsong	TAN KC	LLM based Program Synthesis
22097661D	NG Peter	HE Chenhang	PATHAK Ajay Kumar	Immersive Virtual Tourism with 3DGS and Digital Humans
22097746D	LUI Richard	HUANG Xiao	CHUNG Korris	Reimagining Education with GenAI
22097815D	LUI Richard	TANG Jeff	LOU Wei	Intelligent Aviation and Weather Virtual Assistant for Hong Kong Observatory meteorology data and flight data for aviators
22097838D	YANG Bo	LYU Mingsong	PATHAK Ajay Kumar	Semantic Segmentation of 3D Point Clouds
22097845D	LI Qing	WU Jibin	PATHAK Ajay Kumar	Towards multimodal knowledge graph construction and utilization for smart education
22098835D	LUI Richard	HUANG Xiao	CHUNG Korris	Reimagining Education with GenAI
22098941D	LI Qing	WU Jibin	LIU Yang Veronica	SwarmMind: A Unified Distributed Reasoning Paradigm for Multi-Agent Systems
22099641D	LEONG Hong-va	ZHOU Alexander Tiannan	CHENG Ran	An Intelligent Financial Advisor
22099687D	LI Qing	WU Jibin	LIU Yang Veronica	Multi-Scale Temporal Attention for Enhanced Action Anticipation in Football Videos
22099885D	LEONG Hong-va	ZHOU Alexander Tiannan	CHENG Ran	An Intelligent Financial Advisor
22099954D	LIU Fiona	WU Jibin	FUNG Walter	Brainwave analysis via machine learning techniques
22100265D	YANG Ray	WANG Xiangmeng	TAN KC	Web Study Platform
22100493D	ZHANG Zhaorui	WU Yujie	YANG Hongxia	Large Language Model Fine-Tuning and Inference, AI Infrastructure
22100709D	YANG Hongxia	ZHENG Changmeng	TAN KC	KnoMed, a novel framework for data augmentation in medical MLLM application
22100974D	CHAN Henry	MIAO Hao	LIU Yang Veronica	AI-based Computing System/Application
22101071D	LI Amelia	LI Yongqi	LI Maggie	Interactive Storytelling for Elderly-Friendly RPG Games
22101759D	LIN Wanyu	GUO Jingcai	LIU Yang Veronica	3D Molecule Generation Based on Generative Models
22102024D	LEONG Hong-va	ZHOU Alexander Tiannan	CHENG Ran	An Intelligent Financial Advisor
22102091D	CHAN Henry	MIAO Hao	LIU Yang Veronica	AI-based Computing System/Application

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22102947D	HUANG Xiao	WANG Xiangmeng	ZHENG Yuanqing	Computer Science Course Exercise Generation based on Retrieval-Augmented Generation
22103493D	ZHANG Zhaorui	WU Yujie	YANG Hongxia	Large Language Model Fine-Tuning and Inference, AI Infrastructure
22103518D	PANG Wai Man	ZHOU Hao	CHENG Ran	Mobile App Tour Guide with Vision and LLM for University Campus
22103691D	LIN Wanyu	GUO Jingcai	CAO Yixin	Enhancing Data-Free Model Merging with Correlation-Aware Optimization
22103808D	LI Bo	XIA Xianjin	CAO Yixin	Fair Resource Allocation Problem
22103815D	LI Haoyang	LI Haoyang	HUA Wen	Real-Time Intelligent Crowd Density Monitoring System Based on Computer Vision
22103974D	YANG Ray	FAN Wenqi	TAN KC	Attack on Voice Assistant
22104103D	LIN Wanyu	GUO Jingcai	LIU Yang Veronica	Efficient and Scalable 3D Molecular Conformation Generation via Linear Attention Models
22104179D	TANG Jeff	LIU Yu	PATHAK Ajay Kumar	Investigating Collaborative Problem-Solving Among AI Agents
22104193D	CHAN Henry	MIAO Hao	LIU Yang Veronica	AI-based Computing System/Application
22104545D	YANG Ray	FAN Wenqi	TAN KC	Attack on Voice Assistant
22105321D	FAN Wenqi	WANG Xiangmeng	HUA Wen	Recommendations in the Era of Large Language Models (LLMs)
22105512D	LUI Richard	TANG Jeff	CAO Yixin	A GenAI app to address misunderstanding and false beliefs about autism in families
22106753D	PANG Wai Man	ZHANG Mingjin	CHENG Ran	Food Component Detection for Dietary Recommendation
22107027D	PEI Max	LU Xingye	WANG Qixin	Zotero Settings Sync
22107416D	YANG Bo	ZHENG Changmeng	PATHAK Ajay Kumar	Sketch-to-3D Reconstruction Project
22107453D	FUNG Walter	DI Yining	CAO Yixin	Digital Transformation with AI integration for industry
22108825D	LIU Yu	WEN Zhiyuan	AU Allen	Collaborative Large Language Model Inference at the Network Edge
22109113D	LIU Yu	WEN Zhiyuan	ZHENG Yuanqing	Campus Guardian: Edge AI Safety Response System
22109288D	TAYYAB Muhammad	MOHAMMED Aquil Mirza	WU Xiaoming	Intelligent Educational Systems
22109631D	TANG Jeff	LIU Yu	PATHAK Ajay Kumar	Investigating Collaborative Problem-Solving Among AI Agents
22109753D	MOHAMMED Aquil Mirza	ZHANG Mingjin	ZHENG Yuanqing	INTEGRATING MQTT AND ESP32-S3 FOR IoT EDGE COMPUTING ON RASPBERRY PI WITH MACHINE LEARNING CAPABILITIES

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22109967D	LAI Kim Hung	DI Yining	LUI Richard	Development of Laboratory Information System (LIMS) for operation performance enhancement
22110211D	YANG Bo	ZHENG Changmeng	PATHAK Ajay Kumar	Robot Manipulation
22110227D	WU Xiaoming	WU Jibin	LI Maggie	Emotion Recognition in Conversation with Deep Learning
22110264D	CHUNG Korris	ZHENG Changmeng	LI Maggie	FINE-TUNING LLMS FOR HKDSE QUESTION GENERATION AND GRADING
22113227D	FUNG Walter	LAI Kim Hung	LEONG Hong-va	A Digital Twin Framework for Elderly Motion and Health Monitoring Using AI and Geolocation Technologies
23021285D	LUI Richard	HUANG Xiao	CHUNG Korris	Reimagining Education with GenAI
23028077D	FAN Wenqi	WANG Xiangmeng	HUA Wen	LLM Augmented Social Aware Recommender System
23030752D	TAYYAB Muhammad	MOHAMMED Aquil Mirza	WU Xiaoming	Intelligent Educational Systems
23031551D	LI Richard	LUI Richard	FUNG Walter	Social-emotional Learning (SEL) through Immersive Experience
23034284D	SHI Jieming	WU Yujie	LIU Fiona	Heterogeneous Information Network Representation Learning
23096373D	YANG Bo	ZHENG Changmeng	PATHAK Ajay Kumar	Sketch-to-3D Reconstruction Project
23096916D	SHI Jieming	WU Yujie	LIU Fiona	Knowledge Graph Embedding
23105663D	LEONG Hong-va	MIAO Hao	CHENG Ran	Learning Database Design and Normalization
23113988D	HUANG Xiao	WANG Xiangmeng	ZHENG Yuanqing	Converting PDF Textbooks into Structure Data for effective Retrieval-Augmented Generation
23118174D	LEONG Hong-va	LIU Yu	CHENG Ran	Learning Indexed Data Access via Game Playing
24015558D	PEI Max	LU Xingye	WANG Qixin	Zotero Settings Sync
24015855D	PANG Wai Man	ZHANG Jason	CHENG Ran	RPA (robotic process automation) for Screen Control Automation
24016822D	HUANG Xiao	WANG Xiangmeng	ZHENG Yuanqing	Evaluating LLMs with Challenging Questions in Computer Science
24018054D	CHAN Henry	MIAO Hao	LIU Yang Veronica	AI-based Computing System/Application
24018321D	LI Maggie	WEN Zhiyuan	LI Amelia	Social Robots with Embedded Large Language Models Releasing Stress
24019808D	CAO Yixin	LI Bo	LIU Yang Veronica	Powersort
24020105D	LIU Yu	WEN Zhiyuan	AU Allen	Collaborative Large Language Model Inference at the Network Edge
24021162D	FAN Wenqi	WANG Xiangmeng	HUA Wen	Recommendations in the Era of Large Language Models (LLMs)
24021689D	LAI Kim Hung	DI Yining	LUO Daniel	AI-powered system to automate drug inspection and packaging process for elderly residents

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Student Number	Supervisor	Co-Examiner	2nd Assessor	Project Title
24022603D	LYU Mingsong	LI Yongqi	YIU Ken	An LLM-Based Question Generation System for the Introduction to Computer Systems Course
24024261D	LUI Richard	TANG Jeff	LOU Wei	AI-powered Optometry Clinical Training
24025237D	YANG Hongxia	ZHENG Changmeng	TAN KC	LLM for Healthcare
24025274D	ZHENG Yuanqing	LYU Mingsong	TAN KC	LLM based Program Synthesis
24025626D	YIU Ken	ZHANG Jason	PEI Max	Tool for learning a programming language
24027277D	SHI Jieming	WU Yujie	LIU Yang Veronica	Blockchain Data Mining and Analysis
24027383D	ZHOU Alexander Tiannan	ZHANG Jason	CHUNG Korris	Text2SQL via Lightweight Database Normalization Without Legacy Refactoring
24027452D	TANG Jeff	WU Yujie	PEI Max	UAV- and AI-based Concrete Defect Inspection System for Smart Infrastructure
24027468D	PANG Wai Man	ZHANG Jason	CHENG Ran	A MCP Server for handwritten quiz or assignments
24027544D	TANG Jeff	DI Yining	LIU Yang Veronica	Interactive Simulation and Training for Mastering Driving Skills and Enhancing Road Safety Awareness
24027574D	PANG Wai Man	ZHANG Mingjin	CHENG Ran	Food Component Detection for Dietary Recommendation
24027606D	TAYYAB Muhammad	MOHAMMED Aquil Mirza	WU Xiaoming	Intelligent Educational Systems
24027673D	YIU Ken	ZHANG Jason	PEI Max	Tool for learning a programming language
24027887D	LOU Wei	PANG Wai Man	WANG Qixin	A classroom analysis system
24027894D	LOU Wei	XIE Hongcheng	WANG Qixin	A drone-based structure inspection system
24027986D	LEONG Hong-va	MIAO Hao	CHENG Ran	Learning Data Structures and Concepts via Game Playing
24028009D	ZHANG Zhaorui	WU Yujie	YANG Hongxia	When and Which Experts? Predictive Routing in MoE Models
24028016D	YANG Ray	WANG Xiangmeng	TAN KC	Web Study Platform
24028023D	LEONG Hong-va	LIU Yu	CHENG Ran	Learning Indexed Data Access via Game Playing
24028046D	CAO Yixin	LI Bo	LIU Yang Veronica	Feedback vertex set on cubic graphs
24028069D	WANG Qixin	TAYYAB Muhammad	WU Xiaoming	An online reservation system for teaching
24028274D	FAN Wenqi	WANG Xiangmeng	HUA Wen	NeoRAGRec A Practical Knowledge Graph Enhanced RAG-LLM Based Movie Recommendation System
24028359D	CHAN Henry	MIAO Hao	LIU Yang Veronica	AI-based Computing System/Application
24028527D	PANG Wai Man	ZHANG Jason	CHENG Ran	A MCP Server for handwritten quiz or assignments
24028571D	MOHAMMED Aquil Mirza	XIA Xianjin	ZHENG Yuanqing	DEVELOPING A SMART AUTOMATION SYSTEM USING ARDUINO UNO AND ANDROID SHORTCUTS FOR EFFICIENT EDGE COMPUTING SOLUTIONS

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24028619D	PANG Wai Man	ZHANG Jason	CHENG Ran	A MCP Server for handwritten quiz or assignments
24028633D	PEI Max	LI Zecheng	WANG Qixin	Automatic Slide Publication for PowerPoint
24028953D	HE Chenhang	YANG Bo	PATHAK Ajay Kumar	Blind image restoration using deep neural network
24029609D	LIU Fiona	WU Jibin	FUNG Walter	Incomplete data analysis using machine learning
24030088D	PANG Wai Man	ZHANG Mingjin	CHENG Ran	Food Component Detection for Dietary Recommendation
24030378D	LIU Fiona	WU Jibin	FUNG Walter	Machine composition using artificial intelligence techniques
24032229D	PANG Wai Man	ZHOU Hao	CHENG Ran	Mobile App Tour Guide with Vision and LLM for University Campus
24032632D	NG Peter	HE Chenhang	PATHAK Ajay Kumar	Immersive Virtual Tourism with 3DGS and Digital Humans
24032915D	LI Bo	WEN Zhiyuan	CAO Yixin	Mechanism Design for Facility Location Games
24034948D	TANG Jeff	WU Yujie	PEI Max	Indoor Drone Photogrammetry for Building Information Modeling (BIM) Integration
24035015D	TANG Jeff	DI Yining	LIU Yang Veronica	Interactive Simulation and Training for Mastering Driving Skills and Enhancing Road Safety Awareness
24035137D	YANG Hongxia	ZHENG Changmeng	TAN KC	LLM for Healthcare
24035457D	LI Bo	XIA Xianjin	CAO Yixin	An Interactive Visualization Platform for Teaching Fundamental Computer Algorithms
24035487D	LOU Wei	XIE Hongcheng	WANG Qixin	A drone-based structure inspection system
24035839D	LI Yongqi	LIN Wanyu	LI Amelia	AutoTool-RL
24036171D	HE Chenhang	YANG Bo	PATHAK Ajay Kumar	Blind image restoration using deep neural network
24036233D	NG Peter	HE Chenhang	PATHAK Ajay Kumar	Immersive Virtual Tourism with 3DGS and Digital Humans
24036385D	PEI Max	HE Ningyu	WANG Qixin	Teaching-Oriented Online Code Editor
24036477D	MOHAMMED Aquil Mirza	ZHANG Mingjin	YANG Ray	DEVELOPMENT OF A ROS-BASED MOBILE ROBOT FOR ENVIRONMENTAL MONITORING AND DATA ANALYSIS
24036523D	ZHOU Alexander Tiannan	ZHANG Jason	CHUNG Korris	An Intelligent Timetable Scheduler Platform for the Benefit of PolyU Students
24060451D	LEONG Hong-va	MIAO Hao	CHENG Ran	Learning Database Design and Normalization
24123102D	LI Amelia	YANG Bo	LI Maggie	Adaptive Visual Matching for Backgrounds and Characters in Elderly-Friendly RPG Games
24132972D	NG Peter	HE Chenhang	PATHAK Ajay Kumar	Immersive Virtual Tourism with 3DGS and Digital Humans
24133437D	MOHAMMED Aquil Mirza	ZHANG Mingjin	YANG Ray	DEVELOPMENT OF A ROS-BASED MOBILE ROBOT FOR ENVIRONMENTAL MONITORING AND DATA ANALYSIS

**2025-26 COMP4913 Capstone Project**

Last Update: 27 Oct 2025

**List of Project Supervisors, Co-examiners & Second Assessors****BSc (Hons) in FinTech & AI (62435-FFT/SYF)**

Student Number	Supervisor	Co-Examiner	2nd Assessor	Project Title
19086067D	TANG Jeff	PANG Wai Man	FUNG Walter	Enhancing Student Engagement in Higher Education Through Flipped Classrooms in the Metaverse
20039679D	ZHENG Yuanqing	LYU Mingsong	TAN KC	LLM based Program Synthesis
20041035D	LEONG Hong-va	MIAO Hao	CHENG Ran	Learning Data Structures and Concepts via Game Playing
21089217D	WU Yujie	WANG Xiangmeng	LIU Fiona	Financial Time Series Prediction Using Advanced Neural Network Models
21090283D	HUA Wen	ZHANG Jason	LI Qing	Safeguarding digital finance: advancing fraud detection with risk-aware gated temporal attention network and other model optimization
21093437D	HUA Wen	ZHANG Jason	LI Qing	Financial Time Series Forecasting
21103632D	PEI Max	LI Zecheng	WANG Qixin	Automatic Slide Publication for PowerPoint
21105368D	LI Bo	WEN Zhiyuan	CAO Yixin	Mechanism Design for Facility Location Games
22037331D	LI Amelia	LI Yongqi	LIU Fiona	Adaptive Music Matching in Elderly-Friendly RPG Games
22041871D	TAYYAB Muhammad	MOHAMMED Aquil Mirza	WU Xiaoming	Automated Educational Management and Decision Support
22074854D	LEONG Hong-va	ZHOU Alexander Tiannan	CHENG Ran	An Intelligent Financial Advisor
22075294D	LI Bo	MIAO Hao	CAO Yixin	Fair Cost Sharing Problem
22079284D	FUNG Walter	DI Yining	LUI Richard	Digital Transformation with AI integration for industry
22079772D	WANG Qixin	TAYYAB Muhammad	WU Xiaoming	An online reservation system for teaching
22081816D	LIU Fiona	WU Jibin	WU Xiaoming	Literature review via Chat GPT
22082797D	CHUNG Korris	ZHENG Changmeng	CHAN Henry	Stock Investment AI Agent
22083992D	CHUNG Korris	ZHENG Changmeng	CHAN Henry	Multi-LLM based Agent System with Checkpoint in Stock Investment
22086018D	LI Richard	LUI Richard	FUNG Walter	Social-emotional Learning (SEL) through Immersive Experience
22086734D	LIN Wanyu	GUO Jingcai	FUNG Walter	PerfGuard AI: Multi-LLM Chatbot for Intelligent System Performance Optimization
22092499D	LIU Fiona	WU Jibin	WU Xiaoming	Bedtime Presence: An AI-Powered Storyteller with Personalized Voice Cloning for Families
22092515D	FUNG Walter	LAI Kim Hung	LEONG Hong-va	Digital Transformation with AI integration for industry
22094907D	HUA Wen	ZHANG Jason	LI Qing	Credit card fraud detection with the customer accounts checking
22095126D	LI Amelia	LI Yongqi	LIU Fiona	Adaptive Music Matching in Elderly-Friendly RPG Games
22095957D	CHUNG Korris	ZHENG Changmeng	PATHAK Ajay Kumar	Unpaired Image-to-Image Translation for Street Scene Style Transfer between Asian and European Cities using CycleGAN

**2025-26 COMP4913 Capstone Project**

Last Update: 27 Oct 2025

**List of Project Supervisors, Co-examiners & Second Assessors****BSc (Hons) in FinTech & AI (62435-FFT/SYF)**

Student Number	Supervisor	Co-Examiner	2nd Assessor	Project Title
22097067D	LOU Wei	PANG Wai Man	WANG Qixin	A Privacy-preserving transformer-based language model architecture for encrypted data inference
22098545D	PANG Wai Man	ZHANG Mingjin	CHENG Ran	Food Component Detection for Dietary Recommendation
22099275D	WU Xiaoming	WU Jibin	LI Maggie	Emotion Recognition in Conversation with Deep Learning
22099991D	LIN Wanyu	GUO Jingcai	LIU Yang Veronica	3D Molecule Generation Based on Generative Models
22100143D	HUA Wen	ZHANG Jason	LI Qing	Financial Time Series Forecasting
22101391D	YANG Hongxia	ZHENG Changmeng	TAN KC	LLM for Healthcare
22104071D	TANG Jeff	PANG Wai Man	CHENG Ran	Interactive Augmented Reality and Mixed Reality Guidance System with Virtual Avatars
22108436D	LIN Wanyu	GUO Jingcai	FUNG Walter	Multi-LLM Collaborative Inference
22108687D	LIU Yu	WEN Zhiyuan	TAN KC	Collaborative Large Language Model Inference at the Network Edge
22110089D	LIU Fiona	WU Jibin	WU Xiaoming	Brainwave analysis via deep learning techniques
23096069D	YANG Ray	WANG Xiangmeng	TAN KC	Understanding indoor localization by deep learning
23098309D	YANG Bo	ZHENG Changmeng	PATHAK Ajay Kumar	Semantic-Aware Natural Image Re-Colorization
24024887D	MOHAMMED Aquil Mirza	ZHANG Mingjin	YANG Ray	SMART DOOR AND WINDOW AUTOMATION SYSTEM USING IoT FOR REAL-TIME ACCESS CONTROL
24024933D	WU Xiaoming	WU Jibin	LIU Fiona	Reference-Based Anime Image Colorization
24027369D	LI Richard	LUI Richard	LI Maggie	Social-emotional Learning (SEL) through Immersive Experience
24028831D	CHUNG Korris	ZHENG Changmeng	PATHAK Ajay Kumar	Help Me to Finish My Drawing

**List of Project Supervisors, Co-examiners & Second Assessors**  
**BSc (Hons) in Information Security (46407/46409-INS/SYI)**

Student Number	Supervisor	Co-Examiner	2nd Assessor	Project Title
22017738D	LU Xingye	GAO Jason	XIAO Bin	Post-Quantum cryptography tools and its Application in Privacy-Enhanced Messaging Platform
22017881D	XIE Hongcheng	TAYYAB Muhammad	FUNG Walter	Privacy-preserving Cloud Storage Gateway for Secure File Sharing
22019458D	XIA Xianjin	ZHOU Kai	ZHENG Yuanqing	Design and Implementation of LoRa Gateway
22019831D	LU Xingye	GAO Jason	XIAO Bin	Post-Quantum cryptography tools and its Application in Privacy-Enhanced Messaging Platform
22035786D	XIE Hongcheng	TAYYAB Muhammad	LEONG Hong-va	Enterprise Data Leakage Prevention System
22076795D	XIAO Bin	LU Xingye	AU Allen	Blockchain System Security and Web3 DApps development
22077237D	XIE Hongcheng	TAYYAB Muhammad	LEONG Hong-va	Enterprise Data Leakage Prevention System
22077686D	XIAO Bin	ZHOU Kai	LUO Daniel	A Chained Context-Poisoning Attack on Model Context Protocol via Corporate Tool Calling
22083055D	ZHOU Hao	GAO Jason	AU Allen	Security Assessment of MQTT Protocol
22084761D	XIE Hongcheng	TAYYAB Muhammad	FUNG Walter	Privacy-preserving Cloud Storage Gateway for Secure File Sharing
22086352D	XIE Hongcheng	TAYYAB Muhammad	FUNG Walter	Privacy-preserving Cloud Storage Gateway for Secure File Sharing
22089833D	XIE Hongcheng	TAYYAB Muhammad	LEONG Hong-va	A Secure End-to-End Instant Chat Application
22096512D	XIAO Bin	ZHOU Kai	LUO Daniel	AI Security and Privacy
22097486D	ZHOU Kai	HE Ningyu	LUO Daniel	The framework of federated machine learning to enhance data privacy
22098103D	AU Allen	LI Zecheng	XIAO Bin	Decentralised Finance
22098324D	XIE Hongcheng	TAYYAB Muhammad	LEONG Hong-va	Enterprise Data Leakage Prevention System
22098736D	LI Zecheng	GAO Jason	AU Allen	Identifying Malicious Smart Contracts via Graph Neural Network
22099314D	XIE Hongcheng	TAYYAB Muhammad	LEONG Hong-va	A Secure End-to-End Instant Chat Application
22100548D	XIAO Bin	LU Xingye	AU Allen	Blockchain System Security and Web3 DApps development
22100967D	AU Allen	LI Zecheng	XIAO Bin	Anonymous Credentials
22102208D	AU Allen	LI Zecheng	XIAO Bin	Applications of Blockchain
23022091D	YANG Ray	GAO Jason	AU Allen	Attack on Voice Assistant
24003296D	XIE Hongcheng	TAYYAB Muhammad	FUNG Walter	Privacy-preserving Cloud Storage Gateway for Secure File Sharing
24013981D	GAO Jason	HE Ningyu	AU Allen	Lattice-based Schnorr Protocol for Login System
24022016D	ZHOU Kai	LI Zecheng	LUO Daniel	Malware detection: the case study of Android malware
24022281D	LUO Daniel	LU Xingye	XIAO Bin	Security Assessment of Blockchain and Smart Contracts

**2025-26 COMP4913 Capstone Project**

Last Update: 27 Oct 2025

**List of Project Supervisors, Co-examiners & Second Assessors****BSc (Hons) in Information Security (46407/46409-INS/SYI)**

Student Number	Supervisor	Co-Examiner	2nd Assessor	Project Title
24022396D	LUO Daniel	LU Xingye	XIAO Bin	Security Assessment of IoT devices
24022663D	ZHOU Kai	HE Ningyu	LUO Daniel	An Empirical Study of Attacks Against Graph Learning Models
24024019D	GAO Jason	HE Ningyu	AU Allen	Evaluating the Cost of G_T Operations in Circum
24024033D	HE Ningyu	GAO Jason	XIAO Bin	Automatic Vulnerability Detection in Smart Contracts
24024063D	ZHOU Hao	GAO Jason	AU Allen	Security Assessment of MQTT Protocol
24024201D	LUO Daniel	LU Xingye	XIAO Bin	Security Assessment of IoT devices
24024291D	ZHOU Hao	GAO Jason	AU Allen	Security Assessment of MQTT Protocol
24025023D	ZHOU Kai	HUANG Xiao	LUO Daniel	Robust Graph Neural Networks for node classification under attack
24025603D	LI Zecheng	GAO Jason	AU Allen	Identifying Malicious Smart Contracts via Graph Neural Network
24025679D	HUA Wen	ZHANG Jason	LI Qing	Financial Fraud Detection
24026013D	XIE Hongcheng	TAYYAB Muhammad	LEONG Hong-va	Enterprise Data Leakage Prevention System
24026752D	XIE Hongcheng	TAYYAB Muhammad	LEONG Hong-va	A Secure End-to-End Instant Chat Application
24031209D	HE Ningyu	GAO Jason	XIAO Bin	Automatic Vulnerability Detection in Smart Contracts
24037117D	TAYYAB Muhammad	XIE Hongcheng	FUNG Walter	Smart Secure Academic Calendar System
24068781D	ZHOU Kai	HE Ningyu	LUO Daniel	Detecting Financial Crimes in Transaction Networks based on Machine Learning
24091164D	XIE Hongcheng	TAYYAB Muhammad	LEONG Hong-va	A Secure End-to-End Instant Chat Application
24138088D	ZHOU Kai	LI Zecheng	LUO Daniel	Evasion attack and defense in PDF malware detection