

2025 Completions - Faculty of Information Technology

Dr. Shuai Fu

(Specialisation: Programming systems) (Conferred: 22-Jan-2025)
Interactive Haskell Type Inference Exploration

Dr. Yeh Fu

(Specialisation: Information technology - other) (Conferred: 22-Jan-2025)
Toward More Effective Deep Learning-based Automated Software Vulnerability Prediction, Classification, and Repair

Phuc Huu Le

(Specialisation: Information systems) (Conferred: 22-Jan-2025)
Factors affecting intercultural communication in the emergency medical services utilisation of culturally and linguistically diverse users

Dr. Dinh Quy Nguyen

(Specialisation: Information systems) (Conferred: 22-Jan-2025)
Improving Hospital Patient Flow Management Through Dashboard System Design Using Distributed Situation Awareness

Dr. Aastha Pant

(Specialisation: Software development) (Conferred: 22-Jan-2025)
Understanding Ethics in AI Software Development through Practitioners' Perspectives and Experiences

Dr. Chanathip Pornprasit

(Specialisation: Software development) (Conferred: 22-Jan-2025)
Context-Aware AI-Powered Code Review Assistant

Dr. Yohani Shamindi Ranasinghe

(Specialisation: Artificial intelligence) (Conferred: 22-Jan-2025)
Framework to Identify Academic Affect States of Students Observed During Online Learning

Dr. Dabao Wang

(Specialisation: Computer science) (Conferred: 22-Jan-2025)
Vulnerability Detection for Token Trading System in Decentralized Finance

Dr. Mingyi Zhou

(Specialisation: Software development) (Conferred: 22-Jan-2025)
Towards Improving the Reliability of Deployed Deep Learning Software

Dr. Ji Fang

(Specialisation: Decision support systems) (Conferred: 29-Jan-2025)
Research on the Development and Management of Online Fitness Services

Dr. Yueyang Liu

(Specialisation: Artificial intelligence) (Conferred: 05-Feb-2025)
Creating Mathematical and Machine Learning Models to Understand the Brain And Epilepsy

Dr. Chuang Lin

(Specialisation: Artificial intelligence) (Conferred: 19-Feb-2025)
Advancing Object Detection in the Wild

Dr. Yin Yin Low

(Specialisation: Artificial intelligence) (Conferred: 19-Feb-2025)
Adversarial Machine Learning for Emotional Privacy

Dr. Suyu Ma

(Specialisation: Computer science) (Conferred: 19-Feb-2025)
Enhancement of Usability, Accessibility and Content Quality of Digital Applications

Dr. Liangrong Zhao

(Specialisation: Distributed computing systems) (Conferred: 19-Feb-2025)
Enhancing Byzantine Fault Tolerance: Leaderless and Asynchronous Consensus with Trusted Hardware Assistance

Dr. Asaduzzaman

(Specialisation: Artificial intelligence) (Conferred: 19-Feb-2025)
Computer Vision and Machine Learning for Automated Monitoring of Native Social and Solitary Bees

Dr. Hendrik Bierlee

(Specialisation: Artificial intelligence) (Conferred: 05-Mar-2025)
Solving Combinatorial Optimization Problems With Boolean Satisfiability Solvers

Dr. Chin Zi Hau

(Specialisation: Computer science) (Conferred: 05-Mar-2025)
ADAP-CBR: An Ageing Demand-Aware Prefilling Compact Block Relay Protocol for Efficient Block Propagation in Bitcoin Blockchain Networks

Dr. Gayanika Madhubani Hettiarachchi Senarath

(Specialisation: Information systems) (Conferred: 05-Mar-2025)
Investigation of factors influencing uptake of electronic collection and use of patient-reported measures in older adults' care

Dr. Ruth Galan Nagassa

(Specialisation: Information technology - other) (Conferred: 05-Mar-2025)
Enhancing Accessibility in 3D Model Interaction: Manipulation and Audio Labelling Techniques for People who are Blind or have Low Vision

Dr. Han Wang

(Specialisation: Software development) (Conferred: 05-Mar-2025)
Automated Software Quality Enhancement: Unit Testing in Python

Dr. Kim Kim Chia

(Specialisation: Artificial intelligence) (Conferred: 19-Mar-2025)
Deep Learning-Based Demodulation For Narrowband Communication Systems

Dr. Jialin Deng

(Specialisation: Information technology - other) (Conferred: 19-Mar-2025)
Designing Cyber Food: Towards Understanding Food-Computation Integration to Enrich Human-Food Interactions

Dr. Jinqiang Yu

(Specialisation: Artificial intelligence) (Conferred: 19-Mar-2025)
Explainable AI with the Use of Formal Reasoning

Dr. Myong Chol Jung

(Specialisation: Artificial intelligence) (Conferred: 02-Apr-2025)
Enhancing Uncertainty Estimation of Multimodal Deep Learning

Dr. Zijie Zeng

(Specialisation: Artificial intelligence) (Conferred: 02-Apr-2025)
Towards Explainable and Accountable Automatic Educational Text Scoring Systems

Dr. Vedant Chauhan

(Specialisation: Computer science - other) (Conferred: 21-Apr-2025)
Improving Human-Centric Software Defect Reporting and Management

Dr. Jun Zhao

(Specialisation: Security science) (Conferred: 21-Apr-2025)
Practical and Secure Keyword Search Services on Blockchain

Dr. Chi Qin Cheng

(Specialisation: Information technology - other) (Conferred: 30-Apr-2025)
I2Match: Optimizing Subgraph Isomorphism for Efficient Small Query Matching on Labelled Graphs

Dr. Seyed Sarang Hashemi

(Specialisation: Information systems) (Conferred: 30-Apr-2025)
A Multidimensional Model for Designing Clinical Decision Support Alerts with Human Decision-Making Considerations: A Design-Science Approach

Dr. Tongguang Li

(Specialisation: Information technology - other) (Conferred: 30-Apr-2025)
Facilitating Analytics-based Adaptive Scaffolding for Self-regulated Learning

Dr. Jing Liu

(Specialisation: Artificial intelligence) (Conferred: 30-Apr-2025)
Towards Efficient Transformers via Network Quantization

Dr. Steve Li

(Specialisation: Artificial intelligence) (Conferred: 30-May-2025)
AI-Augmented Educational Assessment: Enhancing Feasibility, Explainability and Integrity

Dr. Sesa Singha Roy

(Specialisation: Artificial intelligence) (Conferred: 30-May-2025)
Understanding insect-habitat interactions from image-based data using computer vision and deep learning techniques

Dr. Linh Ngoc Vu

(Specialisation: Artificial intelligence) (Conferred: 30-May-2025)
Advancing Speech Emotion Recognition with Interpretable Neural Networks and Self-Supervised Paralinguistic Representations

Dr. Yicheng Wu

(Specialisation: Artificial intelligence) (Conferred: 30-May-2025)

Data-centric Medical Image Analysis: Addressing Label Scarcity, Variability, and Modality Incompleteness

Dr. Jinming Zhao

(Specialisation: Artificial intelligence) (Conferred: 30-May-2025)

Advancing Data-Constrained Spoken Language Translation

Dr. Yizhen Zheng

(Specialisation: Computer science) (Conferred: 30-May-2025)

Graph Representation Learning with Missing or Incomplete Information

Dr. Yuedong Chen

(Specialisation: Artificial intelligence) (Conferred: 15-Jun-2025)

Feed-Forward Novel View Synthesis from Sparse Observations

Dr. Ziyi Li

(Specialisation: Information systems development) (Conferred: 15-Jun-2025)

Blockchain for Education: Towards Decentralized Learning Autonomy

Dr. Yuetian Weng

(Specialisation: Artificial intelligence) (Conferred: 15-Jun-2025)

Towards Efficient Inference in Video Understanding

Dr. Xinyu Zhang

(Specialisation: Computer science - other) (Conferred: 15-Jun-2025)

Quantum-Resistant Digital Signature Schemes based on Symmetric Key Primitives

Dr. Mohan Raj Chanthran

(Specialisation: Artificial intelligence) (Conferred: 25-Jun-2025)

Document-Level Zero-Shot Relation Extraction from Malaysian English News Article

Dr. Shangyu Chen

(Specialisation: Artificial intelligence) (Conferred: 25-Jun-2025)

Leveraging Manifold Geometry: Exploring Distance, Curvature, and Dimensions in Deep Learning Models

Dr. Yi Li

(Specialisation: Other information technology general) (Conferred: 25-Jun-2025)

Physical Shoulder Fatigue Modelling of Mid-air Interactions in Heads-Up Computing

Dr. Tan Yee Fan

(Specialisation: Artificial intelligence) (Conferred: 25-Jun-2025)

Deep Generative Modelling of Human Brain Connectome

Dr. Wei Dai

(Specialisation: Information technology - other) (Conferred: 09-Jul-2025)

Facilitating Relational Feedback through AI-powered Learning Analytics

Dr. Pranav Kulkarni

(Specialisation: Information technology - other) (Conferred: 09-Jul-2025)

Designing for Participatory Data Governance

Dr. Yonghui Liu

(Specialisation: Computer science) (Conferred: 09-Jul-2025)

Advancing Android App Static Analysis

Dr. Linxuan Zhao

(Specialisation: Information technology - other) (Conferred: 09-Jul-2025)

Supporting Reflection of Team Communication in Healthcare Simulation through Multimodal Learning Analytics

Jinwei Lin

(Specialisation: Computer graphics) (Conferred: 23-Jul-2025)

EDNeRF: Editable Dynamic Neural Radiance Field Based on CUDA GPU Acceleration and Rendering Algorithms Improvements

Dr. Ngoc Dang Nguyen

(Specialisation: Artificial intelligence) (Conferred: 23-Jul-2025)

A Study of Low-Resource Medical Named Entity Recognition

Dr. Wei Wang

(Specialisation: Software development) (Conferred: 23-Jul-2025)

Designing Adaptive User Interfaces for mHealth Applications for Chronic Disease Management

Dr. Fan Yang

(Specialisation: Computer science) (Conferred: 23-Jul-2025)

Boosting and Beyond: Improving the Accuracy-Simplicity Trade-off of Additive Models

Dr. Nathar Shah Packier Mohammad

(Specialisation: Artificial intelligence) (Conferred: 06-Aug-2025)

EL+Description Logic Based Parse Table And Parser As The Frontend For An Expressive Hadoop MapReduce Framework

Dr. Qianyi Wu

(Specialisation: Technology, society and futures) (Conferred: 06-Aug-2025)

3D Scene Surface Reconstruction from Radiance Fields

Dr. Lin Li

(Specialisation: Learning analytics and artificial intelligence in education) (Conferred: 20-Aug-2025)

No Students Left Behind: Unlocking the Potential of Predictive Analytics in Advancing Fair and Accurate Educational Decision-Making

Dr. Peter Douglas Ince

(Specialisation: Artificial intelligence) (Conferred: 07-Sep-2025)

Advancing Smart Contract Security: Integrating Large Language Models with Traditional Vulnerability Detection Techniques

Dr. Flora Ji-Yoon Jin

(Specialisation: Learning analytics and artificial intelligence in education) (Conferred: 07-Sep-2025)

Scaffolding Feedback Literacy and Self-Regulated Learning using Learning Analytics and Artificial Intelligence

Dr. Mengxing Li

(Specialisation: Information technology - other) (Conferred: 07-Sep-2025)

Exploring Human Values in Mixed Reality

Dr. Faisal Alam

(Specialisation: Computer science) (Conferred: 17-Sep-2025)

Scalable Edge Computing and Energy-Aware Routing for Autonomous, Connected, and Electric Vehicles

Dr. Vahid Pooryousef

(Specialisation: Mixed reality) (Conferred: 17-Sep-2025)

Immersive Forensic Investigation

Chia Yan Tan

(Specialisation: Artificial intelligence) (Conferred: 17-Sep-2025)

A Multi-Omics Classification Framework using Associative Graph Neural Networks with Prior Knowledge for Biomarker Identification

Dr. Samuel James Trolland

(Specialisation: Human-centred computing) (Conferred: 17-Sep-2025)

Personalised and Inclusive Gestural Instruments for Artists

Dr. Minghao Wu

(Specialisation: Artificial intelligence) (Conferred: 06-Oct-2025)

Document-Level Machine Translation

Dr. Shageenderan Sapai

(Conferred: 15-Oct-2025)

Enabling Data Driven Methods for State Modelling in Soft Robots