

2023 Completions - Faculty of Information Technology

Dr. Junius Anjana Amaranath Kande Vidanaralalage

(Specialisation: Artificial intelligence) (Conferred: 17-Jan-2023)

Multidisciplinary Framework to Assess the Impact of Video-Based Learning with Gamification through Schema and Emotion Analysis: An Artificial Intelligence Study

Dr. Rex Mulloch Martin

(Specialisation: Technology studies) (Conferred: 01-Feb-2023)

"While the sun's shining": weather, practical knowledge and everyday practices in Australian households with solar PV and battery storage

Dr. Manika Saha

(Specialisation: Information technology - other) (Conferred: 01-Feb-2023)

No-one Left Behind: Incorporating Community Voice in Project Commissioning for International Development

Dr. Lele Sha

(Specialisation: Artificial intelligence) (Conferred: 01-Feb-2023)

Beyond Accuracy: Detecting and Alleviating Algorithmic Bias in Classifying Educational Forum Messages

Dr. Xinyu Zhang

(Specialisation: Decision support systems) (Conferred: 01-Feb-2023)

Deep Learning-based Decision Support Systems for Thyroid Cancer: the Pathogenesis, Diagnosis, and Prognosis

Dr. Loong Kuan Lee

(Specialisation: Artificial intelligence) (Conferred: 15-Feb-2023)

Computing Divergences between High Dimensional Graphical Models

Dr. Angelica Kum Yee Lim

(Specialisation: Information systems) (Conferred: 15-Feb-2023)

A Big Data Analytics Adoption Decision-Making Framework for Malaysian Plastics Manufacturers

Dr. Yulianti Paula Bria

(Specialisation: Decision support systems) (Conferred: 02-Mar-2023)

iReMS: an intelligent recommendation system for symptom-based malaria diagnosis

Dr. Saman Ahmadi

(Specialisation: Computer science) (Conferred: 15-Mar-2023)

Enhanced Path Finding Algorithms with Applications in Electric Vehicles

Dr. Duong Nhu

(Specialisation: Artificial intelligence) (Conferred: 15-Mar-2023)

Deep Learning For Physiological Monitoring And Epilepsy Diagnosis

Dr. Chathurika Jayangani Palliya Guruge

(Specialisation: Computer science) (Conferred: 15-Mar-2023)

Multimodal Behavioural Analytics for Early Diagnosis of Alzheimer's Disease

Dr. Tingting Bi

(Specialisation: Software development) (Conferred: 29-Mar-2023)
Empirical Studies on Software Development Knowledge with a Focus on Quality Attributes

Dr. Shizhe Zhao

(Specialisation: Algorithms) (Conferred: 29-Mar-2023)
Improving Pruning and Compression Techniques in Path Planning

Dr. Jiazhou Liu

(Specialisation: Computer science) (Conferred: 21-Apr-2023)
Immersive View Management for Interactive Data Visualisation

Dr. Angus Hugh Dempster

(Specialisation: Artificial intelligence) (Conferred: 04-May-2023)
Scalable Methods for Time Series Classification

Dr. Rakshitha Wathsadini Godahewa

(Specialisation: Artificial intelligence) (Conferred: 04-May-2023)
Improving the Accuracy of Time Series Forecasting with Global Modelling and Ensembling

Dr. Benjamin Choon Heng Lee

(Specialisation: Computer science) (Conferred: 04-May-2023)
Surfaces and Spaces in Immersive Analytics

Dr. Charaka Geethal Kapugama Kapugamawasangamagedon

(Specialisation: Security science) (Conferred: 31-May-2023)
Training Automatic Test Oracles to Identify Semantic Bugs

Dr. Shu Min Leong

(Specialisation: Image processing) (Conferred: 31-May-2023)
Privacy-preserving & Emotional Understanding of Human Faces based on Machine Learning Techniques

Maurice Ntahobari

(Specialisation: Artificial intelligence) (Conferred: 31-May-2023)
The Analysis of Machine Learning Algorithm Performance on Long Term Data using Short Time Scale Analysis

Dr. Xiaoyu Sun

(Specialisation: Computer science) (Conferred: 31-May-2023)
Demystifying security and compatibility issues in Android Apps

Dr. Aldrich Clarence

(Specialisation: Technology studies) (Conferred: 15-Jun-2023)
The Limits of Haptic Retargeting in Virtual Reality

Dr. Jionghao Lin

(Specialisation: Computer science) (Conferred: 15-Jun-2023)
Analytics of Communicative Patterns in Educational Feedback

Dr. Sara Jafarbeiki

(Specialisation: Security science) (Conferred: 10-Jul-2023)
Privacy Technologies in Genomic Data with Consent: Investigation, Design and Analysis

Dr. Katherine Johanna Jarvie

(Specialisation: Computer science, info systems) (Conferred: 10-Jul-2023)
Radical Recordkeeping - Re-thinking Archival Appraisal

Dr. Rebecca Louise-Clarke

(Specialisation: Curatorial studies) (Conferred: 10-Jul-2023)
Mother Stuff: finding a museology of mothering

Jih Soong Tan

(Specialisation: Artificial intelligence) (Conferred: 10-Jul-2023)
Improved Semantic Features for Automated Essay Scoring with Hybrid Topic Modeling Approach

Dr. Omar Medhat Mohamed Ezzeldin Haggag

(Specialisation: Software development) (Conferred: 26-Jul-2023)
Better Identifying and Addressing Diverse Issues in mHealth and Emerging Apps

Dr. Dulaji Dinupama Hidellaarachchi

(Specialisation: Software development) (Conferred: 26-Jul-2023)
Investigating the Influence of Personality and Motivation on Requirements Engineering-related Activities

Calvin Yap

(Specialisation: Information technology - other) (Conferred: 26-Jul-2023)
Physical Tampering Detection for Identification Documents

Dr. Lu Bai

(Specialisation: Information systems) (Conferred: 09-Aug-2023)
Nudge-Based Clinical Decision Support to Assist with Clinicians' Diagnostic Test-Ordering Decision Making

Dr. Arash Mirzaei

(Specialisation: Distributed computing systems) (Conferred: 09-Aug-2023)
Layer-2 Solutions for Bitcoin Scalability

Kuok Xuen Tan

(Specialisation: Artificial intelligence) (Conferred: 09-Aug-2023)
Natural Language Processing in Support Systems: Applications of Knowledge Graph and Machine Learning

Dr. Pratistha Chandra

(Specialisation: Business decision support systems) (Conferred: 18-Aug-2023)
Sustainability Based Strategy Planning Using Multiple Criteria Decision Making

Dr. Renuka Sharma

(Specialisation: Artificial intelligence) (Conferred: 18-Aug-2023)
Anomaly Detection in Images Using One-class and Multi-class Learning Approaches

Dr. Aitizaz Ali

(Specialisation: Information technology - other) (Conferred: 23-Aug-2023)
A Novel Secure Blockchain Based Access Control framework for Cross Domain PHR

Dr. Lynn Ophelia Miller

(Specialisation: Artificial intelligence) (Conferred: 23-Aug-2023)
Estimating and Projecting Environmental Indicators using Satellite Data and Machine Learning

Dr. Md Shamsujjoha

(Specialisation: Information technology - other) (Conferred: 23-Aug-2023)
Towards Better Supporting Human Aspects in Mobile eHealth Applications

Dr. Bojie Shen

(Specialisation: Artificial intelligence) (Conferred: 23-Aug-2023)
Advances in Pathfinding Algorithms for Games, Route Planning Software, and Automated Warehouses

Dr. Zhimei Sui

(Specialisation: Computer science) (Conferred: 23-Aug-2023)
Payment Channel Network for Scriptless Blockchains

Dr. Kah Yee Tai

(Specialisation: Artificial intelligence) (Conferred: 23-Aug-2023)
Machine Learning Prediction Model for Malaria Outbreaks

Dr. Alexey Chernikov

(Specialisation: Computer science) (Conferred: 06-Sep-2023)
Deep features in time series forecasting and classification

Dr. Pei Liu

(Specialisation: Software development) (Conferred: 06-Sep-2023)
Compatibility Issues in Android: Characterization and Detection

Dr. Yanjie Zhao

(Specialisation: Computer science) (Conferred: 06-Sep-2023)
Improving Android App Quality Using Big Code Analysis-based Techniques

Dr. Asma Alzahrani

(Specialisation: Information systems) (Conferred: 20-Sep-2023)
Uncovering Factors Driving the Adoption of Learning Analytics in Higher Education Institutions

Dr. Zhuang Li

(Specialisation: Artificial intelligence) (Conferred: 20-Sep-2023)
Semantic Parsing in Limited Resource Conditions

Dr. Jia Wen Seow

(Specialisation: Artificial intelligence) (Conferred: 20-Sep-2023)
Neural Network-Based Deepfake Detection

Dr. Garima Sharma

(Specialisation: Artificial intelligence) (Conferred: 04-Oct-2023)
Multimodal Affective Behaviour Analysis for Groups

Dr. Heng Ee Tay

(Specialisation: Artificial intelligence) (Conferred: 04-Oct-2023)
A Generalised Depression Detection Model using Social Media Data

Dr. Narissa Margaret Timbery

(Specialisation: Library/Archival studies) (Conferred: 04-Oct-2023)
From Visualising Country to Living Digital Archives on Country

Dr. Don Chathurika Kshanthi Amarathunga

(Specialisation: Computer science) (Conferred: 18-Oct-2023)

Automatic Monitoring and Population Dynamics Modelling of Microscopic Insect Pest-Predator Interactions in Horticultural Crops

Dr. Moein Khajehnejad

(Specialisation: Artificial intelligence) (Conferred: 18-Oct-2023)

Using Game Theory to Analyse Task Allocation in Social Organizations: The Roles of Social and Individual Learning

Dr. Tuan Anh Bui

(Specialisation: Computer science) (Conferred: 01-Nov-2023)

Enhancing Adversarial Robustness: Representation, Ensemble, and Distribution Approaches

Jiang Ou

(Specialisation: Artificial intelligence) (Conferred: 01-Nov-2023)

Zero-shot Information Retrieval

Dr. Matthew Yit Hang Yeow

(Specialisation: Computer science) (Conferred: 01-Nov-2023)

Machine Learning-Assisted Software Reuse Prediction and Analysis

Dr. Muhammad Aliero Saidu

(Specialisation: Computer science, info systems) (Conferred: 15-Nov-2023)

Multimodal Data Collection And Fusion Framework For Indoor Occupancy Prediction To Support HVAC Energy Saving

Dr. Sandun Prasadi Rajapaksa

(Specialisation: Computer science) (Conferred: 29-Nov-2023)

Statistical and Information-Theoretic Exploration of Amino Acid Sequence Relationships with Higher-Order Levels of Protein Description

Dr. Seren Elisabeth Wendelken

(Specialisation: Information management) (Conferred: 13-Dec-2023)

Liminal narratives - the storying of records creation

Dr. Lixiang Yan

(Specialisation: Information technology - other) (Conferred: 13-Dec-2023)

Socio-spatial Learning Analytics

Dr. Danushka Indrajith Priyadarshana Pitivila Liyanage

(Specialisation: Statistics) (Conferred: 18-Dec-2023)

Quantitative Decision-Making for Automated Software Testing

Dr. Bang Wu

(Specialisation: Computer science) (Conferred: 18-Dec-2023)

Securing Graph Neural Networks in Machine Learning as a Service