Contents

Long Papers (Peer Reviewed)

Towards Identity for NZ Information Technology Professionals
Jamie Vaughan, Samuel Mann, & Henk Roodt 7

Academics-Industry Collaboration in Programme Development and Delivery: A Case Study Analysis
Abha Chitalia, Bashar Barmada, & Guillermo Ramirez-Prado 17

Recommend Topics and Practical Labs for an Introductory Level-5 Website Development Course
Daniel Dang 29

The Bridging Design Prototype Approach: Strengthening the Role of Design as a Strategic Resource in Small Organisations
Gloria Gomez 37

Five Minute Bird Count: Profile of a Data Analysis Success
Steve Cosgrove, Seongjoo Hong, Dagula Lokuge, & Adrian Hargreaves 48

Nurturing of IT Educators in a Te Pūkenga Future
Carl Cerecke, Ali Kahwaji, & Matt Hamilton 59

Why don't Girls Study IT? Redressing the Gender Imbalance in the Information Technology Sector
Arifah Addison 68

The IT Apprentice: An IT Degree Apprenticeship
Sandra Cleland, Sarah Snell, & Catherine Snell-Siddle 74

Studio: Incompatible? How to Incorporate New Ways of Learning IT into Traditional Curricula without "Throwing the Baby out with the Bathwater"
Elise Allen 91

Liver Disease Detection using Machine Learning Techniques
Deepika Bhupathi, Christine Nya-Ling Tan, Sreenivas Sremath Tirumula, & Sayan Kumar Ray 101

The Challenges of Cybersecurity for SMEs in Australia and New Zealand
Kariyawasam Kumuditha Achini & Samuel Ekundayo 118

When Co-Teaching becomes Co-Learning: Celebrating the Opportunities that can be Afforded by Co-Teaching
Joy Gasson, Vaughn Malkin, Elise Allen, Paul Admiraal, & Martin Junek 137

hDAS in the Design of a 3D Multi-user Virtual Environment (MUVE) for Training Standard Maritime Communication for Ship's Bridge Personnel.
Todd Cochrane 146

Presentations (Peer Reviewed, Long Abstracts)

Relationships in Agile software development projects: Team members views
Dipendra Ghimire & Stuart Charters 163

Assessing Web Application Security Through Vulnerabilities in Programming Languages
Narong Lon, Sreenivas Sremath Tirumala, Sayan Kumar Ray, & Michael Andrews 165

Comparison of Current Software Development Methodologies in China and New Zealand
Emre Erturk 167

Data Analytics and Business Analytics Tools: Which are in use in Australasia?
Jing Peng & Trevor Nesbit 168

Hybrid Recommendation Systems for Tourism-Related Planning During Covid-19 Period – Southland, New Zealand
Oras Baker, Abdul Rehman, & Orland Basas 170

Our Strategies for Teaching Māori and Pacific Students Programming During the Covid Pandemic
Minjie Hu, Tony Assadi, Marta Vos, & Hamid Mahroeian 173

Pre-empting Online Hate Speech through AI
Sreenivas Sremath Tirumala 176

Protecting Privacy leakage in Trajectory Publishing
Manish Singh & Xiangyu Liu 178

Use of Data Analytics in the Public Sector: An Exploratory Study in a New Zealand Context
Kusuma Rangaswamy & Trevor Nesbit 179

Panel: The Role of Mentoring in Education, Industry and Communities
Dobrila Lopez, Amit Sarkar, Samuel Mann, Oras Baker, Emre Erturk, & James Smiley 182

Workshop: Automated marking of programming lab work and assessments
Dave Bracken 183

Poster Papers (Editorial Review)

Please see the separate link on the proceedings page.