Information Technology and Computer Science Kol. 16 No.4 Aug. 2024

IJITCS Vol.16 Http://www.mecs-press.org Vol.16 No.4 August 2024

International Journal of





International Journal of Information Technology and Computer Science (IJITCS)

ISSN Print: 2074-9007, ISSN Online: 2074-9015 Volume 16, Number 4, August 2024

Contents

REGULAR PAPERS

 Securing the Cloud Infrastructure: Investigating Multi-tenancy Challenges, Modern Solutions and Future
 1

 Research Opportunities
 1

 Md. Abul Hayat, Sunriz Islam, Md. Fokhray Hossain
 1

A Machine Learning Based Intelligent Diabetic and Hypertensive Patient Prediction Scheme and A 29 Mobile Application for Patients Assistance *Md. Amdad Hossain, Mahfuzulhoq Chowdhury*

An Optimized Convolutional Neural Network Model for Detecting Depressive Symptoms from Image 45 Posts

Awoyelu T. M., Iyanda A. R., Mosaku S. K.

Securing the Internet of Things: Evaluating Machine Learning Algorithms for Detecting IoT 56 Cyberattacks Using CIC-IoT2023 Dataset *Akinul Islam Jony, Arjun Kumar Bose Arnob*

Designing the Smart Shopping Cart Mobile Application (SmartCart) Using Mobile Application 66 Development Life Cycle *Muhammad Amirul Asyraaf Roslan, Haryani Haron*

Mimicking Nature: Analysis of Dragonfly Pursuit Strategies Using LSTM and Kalman Filter82Mehedi Hassan Zidan, Rayhan Ahmed, Khandakar Anim Hassan Adnan, Tajkurun Zannat Mumu, Md.82Mahmudur Rahman, Debajyoti Karmaker82

Enhancing Healthcare Provision in Conflict Zones: Queuing System Models for Mobile and Flexible 96 Medical Care Units with a Limited Number of Treatment Stations *Anatoliy Litvinov, Dmytro Chumachenko, Nataliia Dotsenko, Iryna Kadykova, Igor Chumachenko*