
Faculty Vitae

1. Name

Dr. Mohammad Maher Rasheed

2. Education

Ph.D. in Information Technology, Utara University Malaysia, Kedah, Malaysia, 2010-2012.

M.Sc. in Information Technology, Utara University Malaysia, Kedah, Malaysia, 2007-2009.

B.Sc. in Computer Science, Baghdad University, Baghdad, Iraq, 1998-2002.

3. Academic experience

7/2018 - Now Lecturer, College of Engineering, UOITC - Iraq.

2/2013 - 7/2016 Lecturer (part time) at Al-Mamon University College, Electronic and Communication Engineering Department, Baghdad, Iraq. Academic Subjects: Visual Basic, Embedded System, Architecture, Network.

4. Non-Academic experience

7/2015 - 7/2018 Head of Evaluation and Reviewing Division, Scientific Information and Technology Transfer Centre, MOST, Iraq.

8/2015 – 7/2018 Deputy Chief of Programmers at Ministry of Science and Technology, Baghdad, Iraq.

11/2014 – 7/2018 Research Scientist at Ministry of Science and Technology, Baghdad, Iraq.

2/2013 – 8/2015 Senior Programmer at Ministry of Science and Technology, Baghdad, Iraq.

8/2003 – 12/2006 Programmer at Ministry of Science and Technology, Baghdad.

1/2003 – 8/2003 Programmer at Al Milad Company, MIC, Baghdad, Iraq.

5. Certifications or professional registrations

Intellectual property

Copyright registration for Framework of “Cyber Security and Anti-Internet Worm Detection”. Has

been made in intellectual Property corporation of Malaysia (MyIPO) on 28 December 2017 with the registration number of LY2017005726

Copyright registration for Framework of "ALraad". Has been made in intellectual Property corporation of Malaysia (MyIPO) on Jan 31, 2018 with the registration number of LY 2018003188

6. Membership in professional organizations

Editorial Board Member in American Journal of Information Science and Technology

7. Honors and awards

[1] **M. M. Rasheed**, O. Ghazali, and N. M. Norwawi, Product title "Intelligent Internet Worm Detector," **BRONZE MEDAL** in ITEX 2010 (21st International Invention, Innovation and Technology Exhibition), 2010, Malaysia.

[2] **M. M. Rasheed**, M. K. Faaeq, A. K. Faieq, and E. M. Rasheed, Product title "Text to image translation by using the search engine," **BRONZE MEDAL** in Innovative Research, Invention & Application Exhibition (I-Ria 2017)/ Dewan Muadzam Shah, Universiti Utara Malaysia/ Exhibition 8-9 May 2017.

[3] **M. M. Rasheed**, M. K. Faaeq, A. K. Faieq, and E. M. Rasheed, Product title "Capture and optimize Internet Worm Traffic Signature," **BRONZE MEDAL** in Innovative Research, Invention & Application Exhibition (I-Ria 2017)/ Dewan Muadzam Shah, Universiti Utara Malaysia/ Exhibition 8-9 May 2017.

9. Publications/Presentations

Journal Papers Indexed Scopus and Thomson ISI

[1] **M. M. Rasheed**, O. Ghazali, and M. M. Kadhum, "A Traffic Signature-based Algorithm for Detecting Scanning Internet Worms," International Journal of Communication Networks and Information Security, vol. 1, pp. 24-30, 2009.

[2] **M. M. Rasheed**, O. Ghazali, and N. M. Norwawi, "Server Scanning Worm Detection by Using Intelligent Failure Connection Algorithm," Research Journal of Information Technology, vol. 2, pp. 228-234, 2010.

[3] **M. M. Rasheed**, O. Ghazali, and N. M. Norwawi, "Intelligent Signature Detection for Scanning Internet Worms," Information Technology Journal, vol. 11, pp. 260-267, 2012.

[4] **M. M. Rasheed**, O. Ghazali, and R. Budiarto, "A Novel Algorithm for Detecting SYN Scanning Worms," Journal of Applied Sciences, 2012.

[5] **M. M. Rasheed**, O. Ghazali, and R. Budiarto, "Fast Detection of Stealth and Slow Scanning

Worms in Transmission Control Protocol,” Trends in Applied Sciences Research, 2012.

[6] M. K. Faaeq, S. S. Abdullah, A. K. Faieq, **M. M. Rasheed**, Q. H. Al-Salami, R. Alsamarraie and A. Mohammed, “The Utility of the UTAUT Model in Explaining Electronic Government Services Usage in Baghdad-Iraq,” International Journal of Economic Research, vol. 14, 2017.

[7] M. K. Faaeq, S. S. Abdullah, A. K. Faieq, Q. H. Al-Salami, R. Alsamarraie, A. Mohammed and **M. M. Rasheed**, “The Antecedent of Continuance Usage Intention of Electronic Government Service by Integrating UTAUT and Perspectives of Expectation-Confirmation Models in the Conflict Environment,” International Journal of Economic Research, vol. 14, 2017.

[8] M. K. Faaeq, **M. M. Rasheed**, A. A. Al-Ansi, A. A. Homai and A. K. Faieq, “Factors Influencing Electronic Government Services Adoption in the Risky Environment: A Structural Equation Modelling Approach,” International Journal of Economic Research, vol. 14, 2017.

[9] **M. M. Rasheed**, Norita Md Norwawi, Osman Ghazali and Munadil K. Faaeq, “Detection Algorithm for Internet Worms Scanning that Used User Datagram Protocol,” International Journal of Information and Computer Security, Forthcoming article.

Journal Papers have another Indexed

[10] **M. M. Rasheed**, N. M. Norwawi, O. Ghazali, and M. M. Kadhum, “Intelligent Failure Connection Algorithm for Detecting Internet Worms,” International Journal of Computer Science and Network Security, vol. 9, pp. 280-285, 2009.

[11] **M. M. Rasheed**, O. Ghazali, and R. Budiarto, “Server Worm Detection by Using Intelligent Failure Connection Algorithm,” Computer Science and Telecommunications, vol. 27, pp. 48-52, 2010.

[12] **M. M. Rasheed** and Naseer Ali Hussien, “Detection Algorithm for Internet Worms Scanning that Used Internet Control Message Protocol” Journal Education College, Wasit University, vol. 18, pp. 487-503, 2015.

[13] M. K. Faaeq, Alaa K. Faieq, Sinan A. Harjan, and **M. M. Rasheed**, “How to Architect the Rural Regions into Smart Society” European Scientific Journal, Special Edition vol. 2, pp. 171- 180, 2015.

[14] **M. M. Rasheed**, “Behavioural Detection for Internet Scanning Worm Attack,” Computer Science and Telecommunications, vol. 46, pp. 36-46, 2015.

[15] **M. M. Rasheed**, “Internet Worm Detection Algorithm Based on its Behavior,” Iraqi Journal of science and Technology, vol. 6, no. 3, pp. 36-46, 2015.

[16] M. K. F. Al-Samarraie, **M. M. Rasheed**, A. K. Faieq, " Determinants the Long Term Factors Effect of Sustainability on Usage Electronic Government Services for Development Rural Areas to Smart Society: Case study of Kingdom of Saudi Arabia, International Journal of Economic Perspectives, vol.10, 2016.

International Conferences

- [17] **M. M. Rasheed**, M. M. Kadhum, "Improving The Failure Connection Algorithm For Detecting Unknown Internet Worms," in International Conference on Information Technology and Multimedia, 2008, Malaysia.
- [18] **M. M. Rasheed**, M. M. Kadhum, "Traffic Signature Detection for Unknown Internet Worms," in IEEE International Conference on Network Applications, Protocols and Services, 2008, Malaysia.
- [19] **M. M. Rasheed**, N. M. Norwawi, M. M. Kadhum and O. Ghazali, "New Generation for Intelligent Anti-Internet Worm Early System Detection," in International Conference on Computing & Informatics, 2009, Malaysia.
- [20] **M. M. Rasheed**, N. M. Norwawi, M. M. Kadhum, and O. Ghazali, "Intelligent Anti-Internet Worm Automatically Detect and Update Signatures Server," in International Conference on Security and Management, 2009, USA.
- [21] **M. M. Rasheed**, O. Ghazali, and R. Budiarto, "Behavioral Analysis for Scanning Internet Worm," in 3rd International Conference on Engineering & ICT, 2012, Malaysia.
- [22] **M. M. Rasheed**, O. Ghazali, and R. Budiarto, "Intelligent Anti Internet Worm Modeling Design," in 1st International Conference on Decision Modelling, 2012.
- [23] **M. M. Rasheed**, H. D. Enjas, "Evaluation the Level of Teacher Information Using Intelligent Electronic Form," in 1st International Conference on Open Learning Scientific Program, 2013, Kuwait.
- [24] M. K. Faaeq, A. K. Faieq, **M. M. Rasheed**, Khaled Al-Qasa, "Significant Review of Electronic Government Stages in More Than One Country around the World," Proceedings of Global Conference on Business and Social Science, 2014, Malaysia.
- [25] N. A. Husieen and **M. M. Rasheed**, "Analysing Optimal Setting of Reference Point Group Mobility Model Using DSR Protocol in MANETS," The 7th International Conference on Information Technology, 2015, Jordan.
- [26] M. K. Faaeq, A. K. Faieq, **M. M. Rasheed** and Thabit Hassan Thabit, "Novel Review of Electronic Government Stages among Different Continents," in The 7th International Conference on Information Technology, 2015, Jordan.
- [27] M. K. Faaeq, A. K. Faieq and **M. M. Rasheed**, "The factors affecting sustainable of growing development by implementing UTAUT 2: a Case study of the worst country in using ICT in the world", in CBMR 2016 Discover UUM Conference, 2016, Malaysia.
- [28] **M. M. Rasheed**, Samir Badrawi, Munadil K. Faaeq and Alaa K. Faieq, "Detecting and Optimizing Internet Worm Traffic Signature", in 8th International Conference on Information Technology (ICIT), IEEE, 17-18 May 2017, Amman, Jordan.
- [29] M. K. Faaeq, **M. M. Rasheed**, A. A. Al-Ansi, A. A. Homaid, and A. K. Faieq, "Factors

influencing electronic government services adoption in the risky environment: a structural equation modelling approach,” in PACE International Conference on Social Sciences, 25-27 July 2017, Penang, Malaysia.

[30] **M. M. Rasheed**, M. K. Faaeq, “Detection Strategies of Scanning Worm in Cyber Defense,” in the Future Technologies Conference (FTC) 2018, Canada.

Projects that Submitted to Ministry of Science and Technology

[31] **M. M. Rasheed**, “Encryption Algorithm for Arabic Text Using Complex Numbers,” 2015.

10. Most recent professional development activities

- I participated as a member of intellectual property Committee at the ministry of science and technology. It was headed by Senior Deputy Minister for the Ministry of Science and Technology, Baghdad, Iraq. 2014-2016
- Reviewer in Journal Education College, Wasit University, Iraq.
- Reviewer in IEEE Conference on Control, Systems & Industrial Informatics.
- Reviewer in IEEE Symposium on Wireless Technology & Applications.
- Reviewer in International Conference on Computer Technology and Development ICCTD 2011.

- Reviewer in International Conference on Advanced Technologies Enhancing Education (ICAT2E2017), March 18-20, 2017 in Qingdao, China.
- Reviewer in IEEE 8th International Conference on Information Technology, May 17-18, 2017, Amman, Jordan.
- Reviewer in IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology (*JEEIT*) 2019, Jordan.