Curriculum Vitae Noureldien A. Noureldien

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0. Current Passport Picture

1. Education

- Ph.D., Computer Science, Sudan University of Science and Technology, Thesis Title: "*On Firewalls Evaluation and Inspection*", April 2001.
- M.Sc., Computer Science, School of Mathematical Science, University of Khartoum. Thesis Title: *" Mathematical Models for Data Transfer Instruction Set", July 1991*.
- B.A.Sc., Mathematics, Faculty of Science, University of Khartoum, 1984.

2. Training and Certificates

- Diplo/UNECA Training Course for Policy Makers on Internet Governance, Addis Ababa, Ethiopia. July 2006.
- UNESCO Fellowship for African Academic Exchange, Technical Institute of Cape Town, South Africa, Jan – May 2001.

3. Employment History

3.1 Academic Positions

- Professor (Computer Science), University of Science and Technology, Omdurman, August 2015-present.
- Associate Professor, University of Science and Technology, Omdurman. (July 2007– August 2015)

- Assistant Professor, College of Technological Science, Omdurman, (May2001- July 2007)
- Lecturer, College of Technological Science, Omdurman. (Sep1997- May 2001)
- Lecturer, Computer Science Department, Althady University, Sirt, Libya. (May 1996- July 1997)
- Assistant lecture, Computer Science Department, Althadi University, Sirt, Libya. (1991-1996)
- Teaching Assistant, School of Mathematical Science, University of Khartoum. (1986-1991)

3.2 Academic Administrative Positions

- Dean, Faculty of Computer Science and Information Technology University of Science and Technology, Omdurman, Sudan, 2006 till now.
- Coordinator of Computer Science Program, College of Technological Science, Omdurman, Sudan, 2004-2006.
- Coordinator Assistant, Information Technology Program, College of Technological Science, Omdurman, Sudan, 2002 – 2004.
- Director of Computer Centre, College of Technological Science, Omdurman, Sudan, 1997 - 2002.
- Head of Computer Science Department, Althady University, Sert, Libya, 1995 -1997.

3.3 Visiting/ Adjunct Positions

- Adjunct Assistant Professor, School of Mathematical Science, University of Khartoum, 2002 - 2004.
- Adjunct Assistant Professor, Faculty of Computer Science and Information Technology, Sudan University of Science and Technology, 2003 -2005.
- Visiting Assistant Professor, Faculty of Science and technology, University of Gezira, 2001 - 2004.
- Adjunct Associate Professor, Faculty of Computer Science and Information Technology, Elneelian University, 2007-2008.

4. Teaching

4.1 Post Graduate Teaching (Master Programs)

Courses Taught:

- Research Methodology
- Machine Learning
- Cloud Security
- Open Source Operation Systems
- Linux System Programming
- Network Security
- Advanced Operating Systems
- Advanced Information Security

- Cryptography and network Security
- Advanced Data Structures
- Advanced Numerical Computation
- Advanced Object-Oriented Programming
- Object Oriented Analysis & Design
- E-Commerce
- Web- based Applications
- Automata Theory
- Information Security Management
- Cloud Computing Security
- Mobile and Wireless Networks

4.2 Undergraduate Teaching

Courses Taught:
- Introduction to Machine Learning
- Computer Architecture
- Logical Design
- Data Structures and Algorithms
- Discrete Mathematics
- Computer Organization and Assembly Language
- Number Theory
- Introduction to Artificial Intelligence
- C -Programming Language
- Object Oriented Programming in Java
- Internet Technology
- Computer Networks
- Open Source Operating Systems
- Information Security
- Numerical Computation
- Automat Theory
- ICT for Development
- ICT Policies and Strategies

5. Professional Positions

5.1 Academic Committee Membership

1- **Member**: Academic committee to update the University of Science and Technology Academic Regulations, Jan 2023.

2- **Chair**: The Committee to Update the Faculty of Computer Science and Information Technology, UST, Curriculums, Feb.2023.

3- **Member and Consultant,** Advisory Board for Engineering, Basic Sciences and Computer Science, Ministry of Higher Education and Scientific Research, June 2020 – present.

4- **Chair,** Advisory Board for Computer Science, Ministry of Higher Education and Scientific Research, June 2020 –present.

5- **Member,** Advisory Board for Arbitration and Grant Boad, Ministry of Higher Education and Scientific Research, June 2020 – now.

6- **Member,** Scientific Board, Elsalama College, 2018-present.

5- **Member,** Scientific Board, Elmanarah College, 2018-present.

6- **Member**, Scientific Board, University of Science and Technology, 2006 – present.

7- **Member**, Consultancy Committee, University of Science and Technology, 2011-present.

8- **Member**, Recruitment and Promotion Committee, University of Since and Technology, 2011 – present.

9- **Member**, Computer Studies Consultancy Committee, Ministry of Higher Education and Scientific Research, 2002 - 2014.

10- **Member**, Scientific Board, Garb Elneel College, 2010-present.

11- **Member**, Scientific Board, Association for Promotion of Scientific Innovation, 2006 – present.

12- **Chair**, Undergraduate Studies Group, Computer Studies Consultancy Committee, Ministry of Higher Education and Scientific Research, 2007- 2014.

13- **Member,** Scientific Research Group, Computer Studies Consultancy Committee, Ministry of Higher Education and Scientific Research 2007- 2014.

14- **Member**, Postgraduate Studies Group, Computer Studies Consultancy Committee, Ministry of Higher Education and Scientific Research 2007 – 2014.

15- **Member,** Computer Studies Fund Projects Committee, Ministry of Higher Education and Scientific Research, 2010-2014.

16- **Member,** Scientific Research Committee, Faculty of Computer Science and Information Technology, University of Science and Technology, 2008– present.

17- **Member,** Scientific Research Committee, Faculty of Computer Science and Information Technology, Elzae'm Elazhari University, 2011– 2015.

18- **Member,** Scientific Board, College of Technology and Science, 2000-2005.

5.2 Editorial/Conference Services

1- **Member**, editorial board, International Arabic Journal for Information Technology, 2007 – present.

2- **Member,** editorial board, Scientific Journal of University of Science and Technology, 2010 – present.

3- **Chair**, The First ICT Conference for Gradates Students, FCSIT, UST, Omdurman, Sudan, April 21-22, 2018.

4- **Member** of International Program Committee (IPC), IEEE International Conference on Communication, Control, Computing, and Electronic Engineering (ICCCCEE 2017), University of Science and Technology, Khartoum, Sudan 2017.

5- **Member** of IPC, Third International Conference in Computer Science and Information Technology, Khartoum, 14-16 March 2016.

6- **Member** of the IPC, the Seventh Arabic Conference for Computer Science and Engineering, Riyadh, KSA, 2012.

7- **Co-Chair** of the Organizing Committee, the Second ICT International Conference of E-applications in Developing Countries, Directions and Challenges, Khartoum, Sudan, Nov 2011.

8- **Co-Chair** of the Organizing Committee, the Second International Conference for Dissemination of Information and Communication Technology in Education, Khartoum, Sudan. October 2010.

9- **Member** of IPC, the 2nd International Conference on Digital Information and Web Technology, London, 2009.

5.3 Technical and Consultancy Committee Membership

1- **Consultant**, Informatics Sector, Presidential Ministries Committee 2006 - 2012.

1- **Member**, Technical Committee for Open Sources, National Information Center (NIC), Khartoum, Sudan, 2005- 2010.

2- **Member**, Board of Experts, the World Summit Award (WSA), 2009 - now.

3- **Member**, Jury Committee for Nomination of Sudan's E-applications, WSA 2005, 2007, 2009, 2011, 2013. 2015, 2017.

4- **Member,** International Board of Juries for the World Summit Award, 2013 – present.

5- **Member**, Committee for Phrasing the Proposed Law for Computer Profession, Ministry of Higher Education and Scientific Research, 2011.

6- **Member,** Consultant Committee for the Sudan E-Passport, Ministry of Interior, 2010.

7- **Member**, Committee for E-Application Award, the First Scientific Conference for Information and Communication Technology, NIC, November 2010.

8- **Consultan**t, Committee for Sudan Information Security Standards, NIC, 2010.

9- **Member**, Ministerial Consultancy Committee, Ministry of Information and Communication Technology, 2010.

10- **Chair**, Committee for Evaluation of Governmental Web site Award, Organized by NIC, 2006-2009.

11- **Member**, Committee of the Sudan Civil Records Project, Ministry of Interior, 2009.

12- **Member**, Committee for Automation of the National Telecommunication Co-operation Systems, NTC, Khartoum, Sudan, 2007.

13- **Chair,** Committee for Developing the National Information Centre Information Security Policy, NIC, 2007.

14- **Member,** Committee for Reviewing and Establishing Sudan Strategy for Information Society. Ministry of Ministries, 2005 – 2006.

15- **Chair**, Committee for Developing the Information Security Policy, Central Bank of Sudan, 2002.

5.4 Professional Organizations Membership

1- **Membe**r, Association of Computer Machinery (ACM)

2- **Member**, ACM SIG

3- **Member**, ACS SIG

4- **Member**, Sudanese Internet Association.

5- **Member**, Sudan Information Technology Association.

6- **Member**, Internet Governance Forum (IGF).

7- **Membe**r, WSIS WSA Experts Board.

5.5 International Participation

1- **Member (Juror**), WSA Mobile Global Congress 2020, Vienna, Austria, 10-13 March 2020.

2- **Member (Juror**), WSA Mobile Global Congress 2019, Lisbon, Portugal, 10-13 March 2019.

3- **Member (Workshop**), E-Learning Africa, The 13th International Conference on ICT for Development, Kigali, Rwanda, Sep 2018.

4- **Member (Presenter**), The 5th International Conference on Internet Services Technology and Information Engineering 2017(The 5th ISTIE 2017), Indonesia, Bali, 01 May 2017.

5- **Member (Presenter**), The 10th International Conference on Applications of Information and Communication Technologies, Baku, Azerbaijan, 12-14 October 2016.

6- **Member (Presenter**), 12th Annual International Conference on Information Technology & Computer Science, 16-19 May 2016, Athens, Greece. (Paper Presenter).

7- **Member (Presenter**), SECURWARE 2015, The Ninth International Conference on Emerging Security Information, Systems and Technologies, Venice, Italy - August 23 - 28, 2015.

8- **Member (Workshop**), E-Learning Africa, Addis Ababa, April 2015.

9- Member (Presenter), International Conference on Electrical and Information Technologies, ICEIT'15. IEEE Conference, March 25-27, 2015 Marrakech, Morocco.

10- **Member (Juror**), WSA Mobile Global Congress 2015, Abu Dhabi 1-3 Feb 2015.

11- **Member (Presenter**), The Third International Conference on Information, Communication and Education Application, (ICEA 2012), 30-31 Dec 2012, Singapore.

12- **Member (Presenter**), The Third International Conference on Education, Macau, China, 1-2 April 2012.

13- **Member (Juror**), The A Jury for WSA-2011, Honk Kong. April 2011.

14- **Member (Panelist**), The Internet Governance Forum, Sharma Elsheikh, Egypt, 2009.

15- **Member (Presenter)**, The IEEE Second International Conference on the Applications of Digital Information and Technologies, Aug 2009, London.

16- **Member (Panelist**), The Internet Governance Forum, Hider Abad, India, 2008.

17- **Member (Panelist)**, The Internet Governance Forum, Athena, Greece 2006.

18- **Member (Panelist**), The ICT for Development and Education Forum, Addis Ababa, 2006.

19- **Member (Panelist**), The African Preparatory Meeting for the Internet Governance Forum, 18-21 September 2006, Cairo, Egypt.

20- **Member (Panelist**), The World Summit for Information Society (WSIS), Tunisia, Sep 2005.

21- **Member (Presenter**), The 3rd International Conference on Web-Management for International Organizations, Geneva 31 Oct – 1 Nov 2002.

22- **Member (Presenter)**, The 14th Annual FIRST Computer Security Incident Handling Conference, Hawaii, USA, June 2002.

23- **Member (Presenter**), IEEE TENCON 2000, Kuala Lumpur, Malaysia, Sep 2000 (Paper presenter).

6. Professional Services

6.1 Accreditation and Development of Computer Studies Curriculums

1- **Chair** of many Academic Accreditation Committees, Ministry of Higher Education and Scientific Research.

Examples are:

- B.Sc. program in information Technology, White Nile University, 2020.
- B.Sc. program in information Technology, Damazine College, 2020.
- M.Sc. program in Information Technology, University of Medical Sciences, 2018.
- M.Sc. program in Information Technology, Future University, 2017.

2- **Chair** of many scientific committees for developing M.Sc. and B.Sc. programs curriculums for many universities and colleges.

Examples are:

- M.Sc. program in Information Security, University of Science and Technology, 2015.
- M.Sc. program in Information Technology, University of Science and Technology, 2013.
- B.Sc. program in information Technology, Elnoballa College, 2016.
- B.Sc. program in information Technology, University of West Kordofan, 2013.
- B.Sc. programs in Information Technology, West Kordofan University, 2013
- B.Sc. program in Web Technologies, Elshak Elbadry University, 2012.
- M.Sc. program in Computer Science, Karary University, 2012.
- B.Sc. programs in Computer Science, Quran Kareem University, Khartoum 2012.
- M.Sc. program in Information Systems, University of Science and Technology, 2009

6.2 Academic Promotion Committees

I have been a member of many academic promotion committees for faculty and staff members.

Examples are:

- Dr. Hala Abdelghani Ibrahim, University of Bakht Elruda, October 2019.
- Dr. Wisal Modather Eltingari, Sudan Institute for Financial and Banking Studies, June 2016
- Dr. Howida Ali Abdalgadir, Sudan University of Science and Technology, June 2015.
- Dr. Yahai Abdalla, Sudan University of Science and Technology, July 2014.

7. External Examiner

7.1 External Examiner for Ph.D. Thesis

1- Fatima Mohamed Abdulgader, "Detection of Vulnerable code Using Deep Learning ", Department of Computer Science, Sudan University of Science and Technology (SUST), Feb 2022.
2- Abubaker Hassan Ahmed, "Exploring and Preventing the Current Vulnerabilities in Web Applications Client-Side Attacks", Department of Computer Science, Sudan University of Science and Technology (SUST), Feb 2021.

3- Mohmed Ali Elsiddig, "Novel Technique for Detecting and Preventing Web Vulnerabilities at Server Side", Department of Computer Science, Sudan University of Science and Technology (SUST), Feb 2020.

4- Suheb Adil Adam, "Enhancing User Interfaces for Internet of things Smart home Environment", Department of Computer Science, Sudan University of Science and Technology (SUST), December 2019.

5- Amira Kamil Ibrahim Hassan, "Detecting Fraudulent Transactions in Insurance Industry", Department of Computer Science, Sudan University of Science and Technology (SUST), May, 2016.

6- Mahmoud Ahmed Osman, "Security Policy Framework for Banking Sector in Sudan", Department of Computer Science, University of Khartoum, July 2014.

7- Assma Ahmed Ali Mohmed, "Detection of Black hole Attacks on AODV Routing Protocol on MANET Using Statistical Anomaly Detection with Dynamic Training", Department of Computer Science, Sudan University of Science and Technology (SUST), August, 2013.

7.2 External Examiner for Ph.D. Students Proposals

1- Solomon Zewdie Ayenew, "A Supervised Learning Approach to Facial Based Effective Recognition", Faculty of Computer Science and Information Technology, Sudan University of Science and Technology (SUST), Feb 2020.

2- Yasir Nasir Saeed, "Crimeware Kit Signature Generation and Detection Using Machine Learning", Department of Computer Science, Sudan University of Science and Technology (SUST), Feb. 2020.

3- Hala Yousif Mohamed, "Developing an Adaptive Risk-Based Access Control Model for the Internet of Things", Department of Computer Science, Sudan University of Science and Technology (SUST), Feb 2020.

4- Majdi Yassin Abdelmageed, "Violent Scene Detection Using Scale Coding bag of Deep Features", Department of Computer Science, Sudan University of Science and Technology (SUST), December 2019.
5- Mohmed Hassan Abdelrahman, "Contributions into Real -Time Driver Drowsiness Detection", Department of Computer Science, Sudan University of Science and Technology (SUST), December 2019.

6- Sally Mikhail Younan, "Secure Smart Insurance/Reinsurance Contracts Using 3rd Generation Blockchain", Department of Computer Science, Sudan University of Science and Technology (SUST), December 2019.

7- Elmouez Mohamed Ahmed, "Evaluating e-Government Service Quality: A Case Study of Sudan", Department of Computer Science, Sudan University of Science and Technology (SUST), December 2019.

8- Wafa Abdel Rauf Abdullatif, "Financial Inclusion Using Mobile Technologies in Republic of Sudan", Department of Computer Science, Sudan University of Science and Technology (SUST), December 2019.

9- Maha Ibrahim Mohmmed," ICT Enhanced Services in Khartoum AirPort", Department of Computer Science, Sudan University of Science and Technology (SUST), December 2019.

10- Esubalew Asmare, "An Investigation into Machine Learning Models for Breast Cancar Diagnosis and Prediction Using Multi-Modal Medical Images", Department of Computer Science, Sudan University of Science and Technology (SUST), December 2019.

11- Intisar Abdelrahman Mohammed, "A Trusted passwords Authentication Scheme for Untrusted Systems", Department of Computer Science, Sudan University of Science and Technology (SUST), July 2016.

12- Reem Mohmmed Abdo, "A Design of Hybrid Intrusion detection and Prevention System for Online banking Transactions", Department of Computer Science, Sudan University of Science and Technology (SUST), July 2016.

13- Muawia Abdelmagid Elsadig, "Approaches to Resolve Network Storage Covert Channels", Department of Computer Science, Sudan University of Science and Technology (SUST), July 2016.

14- Sulieman Mohamed Ali Sulieman, "Detecting Zero-day Polymorphic Worm Using C5.0 Algorithm", Department of Computer Science, Sudan University of Science and Technology (SUST), July 2016.

7.3 External Examiner for M.Sc. Students Thesis

I have been an external examiner for more than 80 M.Sc. student's thesis.

8. Supervision

8.1 Ph.D. Students (Complete)

1- Zainab Mohammed Sedahmed, "Determining Factors that Influencing Students' Enrollment to Sudanese Universities Using Association Rules", Department of Computer Science, University of Science and Technology, September 2019.

2- Nafisa Abdou Hassan Ahmed, "A Multi-Traits Dynamic User Model for Adaptive Educational Hypermedia Systems", Department of Computer science, Elneelian University, Jan, 2018.

8.2 Current Ph.D. Students

1- Ibtesam Abaker Adam, "Fast and Efficient Factorization Algorithms", Department of Computer Science, University of Science and Technology.

2- Tawfeeg Mohmed Tawfeeg, "Stability of Feature Selection Algorithms in Big Data", Department of Computer Science, University of Science and Technology.

3- Dania Mohmed Ahmed, "Optimization of Ensemble Learning in Detection of Fraud Bank Transactions", Department of Computer Science, University of Science and Technology.

4- Raghda Ahmed Hussien, "Development of an Effective Ensemble Feature Selection Models for Multi-Dimensional Data", Department of Computer Science, University of Science and Technology.

8.3 M.Sc. Students Complete

More than 100 students complete their M.Sc. Examples are:

1- Essra Ibrahim Gabir, "Comparative Study for Integrity Checking for Cloud Data", Department of Computer Science, University of Science and Technology**. Dec 2022**

2- Maaza Yousif Atteia, "Determining the best threshold for Ranked Lists of Ensemble Model for Filter Feature Selection Methods", Department of Computer Science, University of Science and Technology. **Dec 2022**.

3- Safaa Mahmoud Ibrahim, "The Efficiency of the Aggregation Methods on the Performance of Heterogenous Ensemble Models of Filter feature Selection Method", Department of Computer Science, University of Science and Technology, Nov. 2020.

4- Mohmed Elawad Mostafa, "A comparative Study Between Task Resubmission and Checkpoint Fault Tolerance Techniques for Cloud", Department of Computer Science, University of Science and Technology, Sep. 2020.

5- Mohmed Hashem Elsoni, "Comparing the Performance of Different Load Balancing Algorithms in Cloud Computing Environment", Department of Computer Science, University of Science and Technology, Sep. 2020.

6- Cloud", Department of Computer Science, University of Science and Technology, Aug. 2018

7- Assma Sayed Abubaker, "Efficiency Examination of Ensemble Models of Wrapper Feature Selection Methods', Department of Computer Science, University of Science and Technology, Aug. 2018

8- Sabyana Eltahir SeedAhmed, "Enhanced Genetic Algorithm for Optimal Load Balancing in Cloud Computing", Department of Computer Science, University of Science and Technology, Aug. 2018.

9- Rayan Mahmoud Osman, "Performance Evaluation of AODV Under Black Hole Attack in MANET", Department of Computer Science, University of Science and Technology, Aug. 2018.

10- Enas Ali Mohmed, "Performance Evaluation of Ensemble models of Filter Feature Selection Methods', Department of Computer Science, University of Science and Technology, May 2018

11- Raghda Ahmed Hussien, "Determining the Most Effective filter Feature Selection Algorithm for Machine Learning Algorithm Using WEKA version 3.8.1 and NSL-KDD Datasets ", Department of Computer Science, University of Science and Technology, Nov. 2017.

12- Abubaker Hassan Ahmed, "Determining the Most Effective Wrapper Feature selection Algorithms for machine Learning Algorithms Classes Using Weka 3.6.1 and NSL-KDD Dataset", Department of Computer Science, University of Science and Technology, May 2017.

13- Manahel Awad Sherfi , "Automatic Revocation Schemes in Cloud Computing", Department of Computer Science, University of Science and Technology, Jan 2017.

14- Mohammed Anwar Mahmoud Badawi, "Simulating Black hole Detection and prevention techniques in MANET's using Sequence Number ", Department of Computer Science, University of Science and Technology, Dec. 2016.

15- Rana Abdalgadir Mosa, "Simulation of MANET Hello Flooding Attack", Department of Computer Science, University of Science and Technology, Nov. 2016.

16- Izzeldin Mohmed Yousif, "Accuracy of Machine Learning Algorithms in Detecting DoS Attacks", Department of Computer Science, University of Science and technology, Nov. 2016.

17- Ahmed Abdelmoneim Ahmed, "Secure Searching in Cloud", Department of Information Technology, University of Science and technology, May 2016.

18- Ayman Mohamed Suliman, "Measuring Service Quality of E-Learning System Using Sugant Framework", Department of Information Systems, University of Science and Technology, Nov. 2016.

19- Abazer Kamal Gad Alseed, "Measuring Quality of E-Commerce Websites Using WebQual Model", Department of Information Systems, University of Science and technology, May 2016.

20- Salma Ali Mohammed, "Measuring Quality of Service of Sudanese E-Government Websites", Department of Information Systems, University of Science and Technology, May 2016.

21- Ahmed Salih Mohmed, "A proposed Detection and Prevention Technique for Black-hole Attacks

in AODV MANETs", Department of Computer Science, University of Science and technology, July 2015.

22- Saeed Khalil Saeed, "A Hybrid detection and prevention Technique for Black Hole Attacks in AODV MANETs", Department of Computer Science, University of Science and technology, June 2015.

23- Bashir Abdalla Bashir, "Refinement of Wang and Strong Data Quality Framework", Department of Information Systems, University of Science and technology, May 2015.

24- Alsawi Mohmmed Ahmed, "A Dynamic Threshold for Watchdog Detection Technique Against AODV MANETs Black Hole Attack", Department of Computer Science, University of Science and technology, May 2015.

25- Ali Abbas Ahmed, "An Enhancement to SERVQUAL Model to Measure E-Service Quality", Department of Information Systems, University of Science and technology, May 2015.

26- Essra Shawgi Yousif, "Usability Measurement Model (UMM): Anew model for Measuring Usability in Web Based Information Systems", Department of Computer Science, University of Science and technology, February 2015.

27- Yossra Farah Musa Ahmed, "A new Model for Measuring Reliability in Web Based Information Systems", Faculty of Computer Science and Information Technology, Department of Computer Science, University of Science and technology, February 2015.

28- Yussreya Mohammed Alhassan, "A Proposed new RSA Variants by Combining Rebalanced RSA with Multiprime ", Department of Computer Science, University of Science and technology, May 2014.

29- Eltaib Ragab AwadelSeed, "Evaluation of Adaptive Hypermedia Systems", , Department of Computer Science, University of Science and technology, May 2014.

30- Abdalla Mirghani Mohmmed Khair, "Arabic Domain Name System", Department of Computer Science, University of Science and technology, June 2013.

31- Hiba Ahmed Abdin, "Design and implementation of an E-Commerce Server Software", Department of Information Systems, University of Science and technology, June 2013.

32- Nada Mohmed Badr, "A Comparative Study for Principal Components Analysis and Its Robustification Methods for Network Intrusion Detection", Department of Computer Science, University of Science and technology, May 2012.

33- Mohmed Taj Alsir Mohmmed, "Comparative Study of Ranking Algorithms for Arabic Information Retrieval Systems", Department of Computer Science, University of Science and technology, May 2012.

34- Nazar Mohyeldean Abdalla, "Design and Implementation of a Content Module for Adaptive Educational Hypermedia Systems", Department of Information Systems, University of Science and technology, July 2011.

35- Mohammed Hussein Saeed, "Block Spoofed Packets at Source", Department of Computer Science, University of Science and technology, May 2010.

36- Iman Issa Mohammed, "Improving Hop-Count Filtering Mechanism to Counter IP Address Spoofing", Department of Computer Science, University of Gezira, May 2008.

37- 34- Mashaeer Omer Hussain, "Detection and Prevention of Spoofed Packets at Edge Router", Department of Computer Science, University of Gezira, May 2008.

38- Maryana Tanyous Chabyous, "A TCP Flow Control Mechanism", Faculty of Mathematical Sciences, Department of Computer Science, University of Khartoum, Feb 2007.

39- Nuha Abdelmageed Tawfig, "Development of a Security Auditing Checklist for Linux Operating System" Faculty of Mathematics and Computer Science and Information Technology, Department of Computer Science, University of Gezira, March 2006.

40- Mohmmed Elhafiz Abubaker, "Secure Transactions over Unsecure Channels", Department of Computer Science, University of Khartoum, Feb 2004.

8.4 Current M.Sc. Students

1- Lobna Sabri SeedAhmed, "Measuring Stability of Ensemble Filter Feature Selection Algorithms", Department of Computer Science, University of Science and Technology.

2- Ahmed mohmmed Ahmed, "Detection of Fake News in Social networks", Department of Computer Science, University of Science and Technology.

3- Izdihar Jafar, "Detection of Malaria Parasites in Patients' Blood", Department of Computer Science, University of Science and Technology.

9. Publications

9.1 Refereed Journals Papers

1. Noureldien, N.A. Hassan, M.B. " NMC: A Fast and Secure ARX Cipher", Transactions on Engineering and Computer Sciences. 11, 6, Nov 2023, pp. 45-49.

2. Nafisa, A. Hassan, Noureldien, A. Noureldien, Khalid, M. Mohammad, " Domain Models for Enhancing Adaptation Process in Adaptive e-Learning Hypermedia Systems: A Survey"," Journal of Humanitarian Science and Arts, Volume 3, Issue 3, Sep. 2022.

3. Noureldien, N., & Mohmoud, S. (2021). The Efficiency of Aggregation Methods in Ensemble Filter

Feature Selection Models. *Transactions on Machine Learning and Artificial Intelligence*, *9*(4), 39–51. https://doi.org/10.14738/tmlai.94.10101

4. Noureldien A. Noureldien. Enas A. Mohamed, "Measuring Success of Heterogeneous Ensemble Filter Feature Selection Models", *International Journal of Recent Technology and Engineering*, volume 8, issue 6, March 2020. pp .1153 -1158.

5. Sedahmed, Z.M, and Noureldien, N.A. Factors Influencing Students Decisions to Enrollment in Sudanese Higher Education Institutions. *Intelligent Information Management*, Volume 11, 2019. pp 61-76

6. Hala Mustafa, Noureldien A. Noureldien, "Detection of Route Discovery Misbehaving Nodes in AODV MANETs: A Survey", *International Journal of Networks and Communications*, December Volume 8(4), 2018. pp 115-122.

7. Nafisa A. Hassan, Noureldien A. Noureldien, "A Multi-Trait Dynamic User Model for Adaptive Educational Hypermedia Systems (AEHS), *International Journal of Computer Applications*, Volume 179- no.38, April 2018. pp 1 -4.

8. Musa, Hayat H, Noureldien A. Noureldien, "Comparing the Ranking Performance of Page Rank Algorithm and Weighted Page Rank Algorithm", *Advanced Science Letter*, Volume 24 (1), January 2018, pp. 750-753.

9. Yussreya M. Elhassan, Noureldien A. Noureldien, "RAM-RSA and RBM-RSA: A New Fast Hybrid RSA Variants", *British Journal of Mathematics & Computer Science*, Volume 14(1), 2016. pp 1-11.

10. Essra Shawgi, Noureldien A. Noureldien," Usability Measurement Model (UMM): A New Model for Measuring Websites Usability", *International Journal of Information Science*, Volume 5(1). 2015. pp 5-13.

11. Noureldien A. Noureldien, Saeed K. Saeed, Ahmed Salih M. and Alsawi M. "Survey of Mobile Ad hoc Networks Attacks and a New Classification Scheme ", *British Journal of Mathematics & Computer Science,* Volume 5(2), 2015. pp 247-261.

12. Noureldien A. Noureldien, Ibtisam Abaker, "A Fast Factorization Algorithm for CompositeIntegers of the Form N = P X Q, Where P and Q Are Primes and N Mod 6= + 1", *International Journal of Computer Science Engineering and Information Technology Research*, Volume 5, issue1, Feb. 2015. pp 117-125.

13. Noureldien A. Noureldien, "Towards a Taxonomy of MANETs Attacks: Attack Attributes-based Taxonomy (AABT*)*", *British Journal of Mathematics & Computer Science*, Volume 5(2): 2015. pp 247-261.

14. Ahmed Khalid, Noureldien A. Noureldien, "Determining the Efficient Structure of Feed-Forward Neural Network to Classify Breast Cancer Dataset", *International Journal of Advanced Computer Science and Applications*, Vol. 5, No. 12, 2014. pp 15-23.

15. Noureldien A. Noureldien, Wafa M. Mustafa. "Performance Evaluation of RSA-CRT Rebalanced

Variants", *International Journal of Advance Foundation and Research in Computer*, Volume 1, Issue 10, October 2014. pp 26-35.

16. Noureldien A. Noureldien, "A Compound Generic Quantitative Framework for Measuring Digital Divide", *International Journal of Advanced Computer Science and Applications*, Volume. 5, No. 6, June, 2014. pp 158 - 161.

17. Nada M. Bador, Noureldien A. Noureldien, "Review of Mobile Ad hoc Networks Security Attacks and Countermeasures", *International Journal of Computer Engineering and Technology (IJCET)*, Volume 4, Issue 6, November - December 2013. pp 145-155.

18. Noureldien A. Noureldien, Raghda A. Hussain, Ahmed Khalid, "The Effect of Feature Selection on Detection Accuracy of Machine Learning Algorithms", *International Journal of Engineering Research & Technology (IJERT)*, Volume. 2 Issue 11, Nov 2013. pp 1407-1410.

19. Noureldien A. Noureldien, Izzeldin M. Osman, "A Mathematical Model for E-Inclusion", *International Journal of Computer Science and Engineering (IJCSE)*, Volume 2, Issue 5, Nov 2013. pp. 33-40.

20. Nada Bador, Noureldien A. Noureldien, "Examining Outlier Detection Performance for Principal Components Analysis Method and Its Robustification Methods*", International Journal of Advances in Engineering & Technology (IJAET)*, Vol. 6, Issue 2, May 2013 pp 573-582.

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10. Index & Citation (Noureldien A. Noureldien)

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