

CURRICULUM VITAE

Personal Data:

Name: Abdelfatah Aref Tamimi
Nationality: Jordanian/ American
Date of birth: October 3rd, 1950
Telephone: (06- 4291511 ext. 391)
Email: drtamimi@zuj.edu.jo;
http://younoodle.com/people/dr_abdelfatah_tamimi
Senior Member of IACSIT
Rank: Professor 2016



Education:

The City University of New York, New York, NY, USA.

<http://www.cuny.edu/index.html>

Degree: Ph.D. in Computer Science, Specializing in Computer Networks and communications, 1996

Montclair State University, Upper Montclair, NJ, USA

<http://www.montclair.edu/index.php>

Degree: Master in Computer Science, 1989

The University of Jordan, Amman, Jordan

<http://www.ju.edu.jo/home.aspx>

Degree: High Diploma in Education, 1976

The University of Jordan, Amman, Jordan

<http://www.ju.edu.jo/home.aspx>

Degree: B.Sc. in Mathematics, 1973

Experience:

AL-Zaytoonah University, Amman – Jordan

<http://www.zuj.edu.jo>

1996 – present, Faculty member, (Computer Science Department)

1997-2013, Dean (Faculty of Science and Information Technology).

1996-1997, Chairman (Computer Science Department)

Taught Courses:

Graduate Courses: Advanced Computer networks, Computer Simulation, Distributed system

Undergraduate Courses: Computer networks I, Computer networks II, Logic Design, Artificial Intelligent, Automata Theory, Data Structure, Compilers, Introduction to Internet, Introduction to Computer Science, Algorithm, Computation Theory, Visual Basic, Computer Simulation, Graduation Projects

Arlington Machine and Tool Co., Clifton, NJ, USA.

<http://arlingtonmachine.com/>

1985-1996, Quality Assurance and IT Manager

1983 – 1985, Programming Department

Arab Community College, Amman, Jordan
www.arabcomcollege.com
1981 – 1983, Head of Mathematics Department.

College DE LA SALLE, Amman, Jordan
<http://www.lasallejordan.org/>
1978 - 1981, Secondary School Mathematics Teacher.

Amman Technical School, Amman, Jordan
1973 1978, Secondary School Mathematics Teacher

Graduate student Supervision

Ph.D. Supervision

“Supporting Guaranteed Services in Multi- Service Packet Networks by means of Measurement-Based Flow Admission Control”, Oxford Brooks University, UK, 2003

” New properties of t-diagnosable systems and their application to system diagnosis”, Alneelain University, Sudan, 2004

Master’s Supervision

“An Intelligent Traffic Light Control System for Ambulance Transportation (ITLCM)”, Al-Zaytoonah University of Jordan, Jordan, 2015

“Face Recognition by Dynamic Database Implementation”, Middle East University, Jordan, 2012

“E-Manufacturing and Optimized Planning”, Alneelain University, Sudan, 2003.

“Algorithm for Finding Summation of Some Power Series”, Alneelain University, Sudan, 2003

“National Network Analysis and Optimization: Case Study for Jordan Telecommunication”, Alneelain University, Sudan, 2002

“Hiding Information in 24 Bit BMP Image ”, Alneelain University, Sudan, 2002

“Sound Encryption inside Image”, Alneelain University, Sudan, 2002

Examination Committee Member

PhD thesis, “Performance evaluation techniques of the finite state systems, Damascus University, Syria, 2005.

Around 35 Master degree theses in different Universities

Languages:

Arabic, English – Reading, Writing, and Speaking

Research Interest:

Image Processing.

https://www.researchgate.net/profile/Abdelfatah_Tamimi

Funded Research Project

“Integrated System for Monitoring and Recognizing Students During Class Session”, Funded by Al-Zaytoonah University of Jordan, Jordan, Finished 204, cost 50 US \$.

Publications:

Books

1. Abdelfatah A. Tamimi, Khaled Moustafa, and Akram Abdelkader, Computer Skills I,(Arabic), ISBN 978-9957-12-486-1,Dar Alyazori, Amman, Jordan, 2012
www.yasori.com
2. Yahya (Tamimi) , A., and Khalifeh, J., Computer networks and Communications(English), Dar Alyazori, Amman, Jordan, 2009
www.yasori.com
3. Tamimi, A.A, and Hasan Alahmad “Java Network Programming (Arabic)”, Al Qudes University Press, Amman, Jordan, (2009)
4. Tamimi A.A, and Salamah ,”Waleed LAN and Intranet (Arabic)”, Al Qudes University Press, Amman, Jordan, (2008)
5. Yahya(Tamimi), A., and AboEeid, I., Computer Networks and Internet(Arabic), Dar AlYazori, Amman, Jordan, (2006)
www.yasori.com
6. Al_azzah, F., and Yahya(Tamimi) A.A., and Qatawneh M., “Computer Tasks (Arabic)”, Dar AlYazori (2004)
www.yasori.com
7. Yahya(Tamimi) A.A., Computer networks and Communications(English), Dar Alarab, (2nd Edition, 2004)

Journals

1. Abdelfatah Aref Tamimi, A Key Dependent Encryption Algorithm Based on Multiple Bitwise-Shuffling and XOR Variable-Length Partitions, Journal of Computer Sciences 2016, 12 (2): 98.105 DOI: 10.3844/jcssp.2016.98.105,
<http://thescipub.com/abstract/10.3844/jcssp.2016.98.105>
2. Hanaa M. Abu-Ryash, Dr.Abdelfatah A. Tamimi, Comparison Studies for Different Shortest path Algorithms, International Journal of Computers & Technology (IJCT), Vol.14, No.8, M a y 2 9 , 2 0 1 5,5979-5986,
www.ijctonline.com,
3. Abdelfatah Aref Tamimi, Omaira N. A. AL-Allaf, and Mohammad A. Alia, Real-Time Group Face-Detection for an Intelligent Class-Attendance System, I.J. Information Technology and Computer Science, 2015, 06, 66-73,
<http://www.mecspress.org/> DOI: 10.5815/ijitcs.2015.06.09
4. Abdelfatah Aref Tamimi, Omaira N. A. AL-Allaf, and Mohammad A. Alia, Eigen Faces and Principle Component Analysis for Face Recognition Systems: A Comparative Study, , International Journal of Computers & Technology (IJCT), Vol 14 . No. 4, 2 8 F e b r u a r y , 2 0 1 5, 5650-5660,
www.ijctonline.com
5. Mohammad A. Alia, Abdelfatah Aref Tamimi and Omaira N. A. AL-Allaf, Integrated system for monitoring and recognizing students during class session, The International Journal of Multimedia & Its Applications (IJMA) Vol.5, No.6, December 2013, DOI : 10.5121/ijma.2013.5604 IJMA is listed in ERA 2012 as per the Australian Research Council (ARC) Journal Ranking.
<http://airccse.org/journal/ijma.html>
6. Abdelfatah A. Tamimi, Ayman M. Abdalla, and Omaira Al-Allaf, Hiding an Image inside another Image using Variable-Rate Steganography, (IJACSA) International Journal of Advanced Computer Science and Applications, Vol.

- 4, No. 10, 2013, http://thesai.org/Downloads/Volume4No10/Paper_4-Hiding_an_Image_inside_another_Image.pdf
7. Omaima N. Ahmad AL-Allaf, Abdelfatah Aref Tamimi, and Mohammad A. Alia, Face Recognition System Based on Different Artificial Neural Networks Models and Training Algorithms, (IJACSA) International Journal of Advanced Computer Science and Applications, Vol. 4, No. 6, 2013, http://thesai.org/Downloads/Volume4No6/Paper_6-Face_Recognition_System_Based_on_Different_Artificial_Neural_Networks_Models_and_Training_Algorithms.pdf
 8. Omaima N. Ahmad AL-Allaf, Shahlia A. AbdAlKader, and Abdelfatah Aref Tamimi, Pattern Recognition Neural Network for Improving the Performance of Iris Recognition System, International Journal of Scientific & Engineering Research, Volume 4, Issue 6, June-2013, ISSN 2229-5518 <http://www.ijser.org>
 9. Ayman M. Abdalla1 and Abdelfatah A. Tamimi, ALGORITHM FOR IMAGE MIXING AND ENCRYPTION, The International Journal of Multimedia & Its Applications (IJMA) Vol.5, No.2, April 2013. DOI : 10.5121/ijma.2013.5604 IJMA is listed in ERA 2012 as per the Australian Research Council (ARC) Journal Ranking. <http://airccse.org/journal/jma/5213ijma02.pdf>
 10. Omaima N. Ahmad AL-Allaf, Abdelfatah Aref Tamimi, and Shahlia A. AbdAlKader, Artificial Neural Networks for Iris Recognition System: Comparisons between Different Models, Architectures and Algorithms, International Journal of Information and Communication Technology Research, Volume 2 No. 10, October 2012, ISSN 2223-4985, <http://www.esjournals.org>
 11. Mohammad A. Alia, Adnan A. Hnaif, Hayam K. Al-Anie, and Abdelfatah Aref Tamimi, Graphical Password Based On Standard Shapes, Science Series Data Report, Vol 4, No. 2; Feb 2012, ISSN:1307-119X. USA www.ssdsciencerecord.com
 12. Feras Mohamed Al-Azzeh, Abdelfatah Aref Yahya (Tamimi), Procedures for Evaluating the Teaching Process in Computing Disciplines, Int. J Emerging Science, 1(3), 444-454, September 2011, ISSN 2222-4254, USA <http://ijes.info/1/3/42541316.pdf>
 13. Feras Mohamed Al-Azzeh, Abdelfatah Aref Yahya (Tamimi), Quality Criteria's of Computing Disciplines, European Journal of Scientific Research, ISSN 1450-216X Vol.48 No.3 (2011), pp. 352-360, USA http://www.eurojournals.com/EJSR_48_3_02.pdf
 14. Feras Mohamed Al-Azzeh, Abdelfatah Aref Yahya (Tamimi), Quality Procedures to Review, Mission, Vision and Objectives in Higher Educational Institutions, European Journal of Scientific Research, ISSN 1450-216X Vol.45 No.2 (2010), pp.168-175, USA http://www.eurojournals.com/ejsr_45_2_02.pdf
 15. Feras Mohamed Al-Azzeh, Abdelfatah Aref Yahya (Tamimi), Quality assurance procedures to prepare and update a university curriculum, American Journal of Scientific And Industrial Research, ISSN: 2153-649X, 2010, 1(1): 01-06, USA <http://scihub.org/AJSIR/PDF/2010/1/AJSIR-1-1-01-06.pdf>

16. Alia, M.A., and Yahya (Tamimi), A. A., "Public-Key Steganography Based on Matching Method", European Journal of Scientific Research (EJSR), ISSN 1450-216X Vol.40 No.2 (2010), pp.223-231, USA
http://www.eurojournals.com/ejsr_40_2_06.pdf
17. Yahya (Tamimi), A.A., and Abdalla, A.M., "A Shuffle Image-Encryption Algorithm", Journal of Computer Science (JCS), 4 (12): 999-1002, 2008, New York, 10956, USA
<http://dx.doi.org/10.3844/jcssp.2008.999.1002>
18. Qatawneh M., and Yahya (Tamimi) A., "Automatic Vehicle Location Software Model and Geographic Information System", Abhath Al-Yarmouk: "Basic Sci. & Eng.", 17 (1A), :1-11, 2008, Jordan
<http://www.ju.edu.jo/sites/Academic/mohd.qat/Lists/Published%20Research/DispForm.aspx?ID=5>
19. Yahya (Tamimi), A. A., Bader, R. M., "Distributed Shared Memory Consistency Object-based Model", Journal of Computer Science (JCS), 3 (1): 57-61, 2007, New York, 10956, USA
<http://www.google.jo/url?sa=t&rct=j&q=distributed%20shared%20memory%20consistency%20object->
20. Yahya (Tamimi), A. A., and Iskandarani M. Z., "Remote Personal Tracking System (RPTS)", American Journal of Applied Sciences (AJAS), 3 (12): 2147-2150, 2006, New York, USA
<http://thescipub.com/abstract/10.3844/ajassp.2006.2147.2150>
21. Yahya (Tamimi), A. A., and Abdalla, A.M., "Implementation of Matrix Folding in Multimedia Transmission", Pakistan Journal of Information and Technology, 2(2):104-115, 2003
<http://docsdrive.com/pdfs/ansinet/itj/2003/154-158.pdf>
22. Yahya (Tamimi), A. A., Abdalla, A.M., and Al-Qawasmi, K. E., "Compression Video Using Matrix Folding", Pakistan Journal of Information and Technology, 2(1):61-64, 2003
<http://scialert.net/abstract/?doi=itj.2003.61.64>
23. Khuffash, S., Haj Ali, A., and Yahya (Tamimi), A. A., "New properties of t-diagnosable systems and their application to system diagnosis", Journal of Institute of Mathematics and Computer Science (Computer science series), Vol. 13 No. 2(2002)99-110, 2003
24. Yahya (Tamimi), A.A., AlMadi, N, and Almadi, A., "Algorithm for finding some power series" Journal of Institute of Mathematics and Computer Science (Computer science series), Vol.13, No. 1(2002)87-91, 2003

Conferences:

1. Abdelfatah A. Tamimi and Ayman M. Abdalla An Image Encryption Algorithm with XOR and S-box, In The 2015 International Conference on Image Processing, Computer Vision, and Pattern Recognition (ICCV '15), Las Vegas, NV, USA. July 27-30, 2015.
2. Abdelfatah A. Tamimi and Ayman M. Abdalla, An Audio Shuffle-Encryption Algorithm, Proceedings of the World Congress on Engineering and Computer Science 2014 Vol I (WCECS 2014), 22-24 October, 2014, San Francisco, USA,
http://www.iaeng.org/publication/WCECS2014/WCECS2014_pp409-412.pdf

3. Mohammad A. Alia, Abdelfatah Aref Tamimi, and Omaima N. A. AL-Allaf, Cryptography Based Authentication Methods, Proceedings of the World Congress on Engineering and Computer Science 2014 Vol I WCECS 2014, 22-24 October, 2014, San Francisco, USA, http://www.iaeng.org/publication/WCECS2014/WCECS2014_pp199-204.pdf
4. Abdelfatah A. Tamimi and Ayman M. Abdalla, "A Double-Shuffle Image-Encryption Algorithm," In *The 2012 International Conference on Image Processing, Computer Vision, and Pattern Recognition (IPCV '12)*, Las Vegas, NV, USA. 16-19 July 2012. Printed in *Image Processing, Computer Vision, and Pattern Recognition* [eds. H.R. Arabnia and L. Deligiannidis], pp. 496-499, CSREA Press, 2012. <http://www.world-academy-of-science.org/worldcomp12/ws/conferences/ipcv12>
5. Moh'd Belal Al-Zoubi, Al-Dahoud Ali, Abdelfatah A. Yahya(Tamimi), Fuzzy Clustering-Based Approach for Outlier Detection, the 9th WSEAS International Conference on applications of computer engineering, ISBN: 978-960-474-166-3, march 2010, Malaysia. <http://dl.acm.org/citation.cfm?id=1844148&CFID=74350994&CFTOKEN=55200339>
6. Yahya (Tamimi), A. A., Abdalla, A.M., "An AES-Based Encryption Algorithm with Shuffling," In *The 2009 International Conference on Security and Management (SAM '09)*, Las Vegas, NV, USA. 13-16 July 2009. Printed in *Security and Management* [eds. H.R. Arabnia and K. Daimi], pp. 113-116, CSREA Press, 2009. <http://www.bibsonomy.org/bibtex/2188e14cd290b3483a24c4075d1b41c0e/dblp>
7. Iskandarani, M., Yahya(Tamimi), A., "Neural Network Based Optical Character Recognition System", International Conference on Computer Vision, Nevada, USA, 2005 http://www.informatik.uni-trier.de/~ley/db/indices/a-tree/y/Yaha:Abdelfatah_A=.html
8. Yahya (Tamimi). A. A., Khan A. Raouf., "Orthogonal Transformation of 2D Cellular Automata and its Application in Cryptography", International conference of Science and Information Technology, Alzaytoonah University, Amman, Jordan, 2003 <http://www.alzaytoonah.edu.jo/Faculties/Science/Conferances/ICIT03/2003/NetworksandDistributedSystems/IT148.pdf>
9. Yahya(Tamimi), A,A: "Intelligent Networks: International personal telephone number" The Second Scientific Conference on Computer and their Applications, Applied Science University, Amman Jordan, 1998)

Other Activities

- Co supervisor for PhD student" Supporting Guaranteed Services in Multi-Service Packet Networks by means of Measurement-Based Flow Admission Control", Oxford Brooks University, UK, 2003
- Technical Committee Member for Arab Conference on Information Technology (ACIT)
- Attend many conferences in computer science and related topics.

- A Committee member for evaluating Alhajawee international prize in Information Technology (2002)
- A Committee member for monitoring, updating and evaluating IT curriculums in Alqudes Open University
- Prepare training sessions in computer networks and Internet applications.
- Video lecturing courses in computer networking and communication for Alqudes Open University.
<http://www.qou.edu/arabic/mpc/pdfFiles/technology.pdf>
- Discussion programs in Jordanian TV and Radio about computer security and Information Technology issues.
- Train manufacturing engineers in computerized manufacturing process control and statistical process control (SPC).
- Conference Chair, International conferences of Information Technology, Alzaytoonah University, Amman, Jordan, 2003, 2005, 2007, and 2009.
- Member of examination committee, PhD theses, Performance evaluation techniques of the finite state systems, A. A. Saymeh, Damascus University, Syria, 2005.
- Involve in many activities and conferences as an organizer or chair.