

Curriculum Vitae Template

Personal Information

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| Name | Shadi R. Masadeh |
| Academic Rank | Associate Professor |
| Nationality | Jordanian |
| Address | Amman, Jordan. |
| Contact Information | |
| Phone | 00962 6 4711710 EXT : 2495 |
| E-mail | Shadi.almasadeh@iu.edu.jo |
| Research gate | https://www.researchgate.net/profile/Shadi_Masadeh3 |
| Google scholar | https://scholar.google.com/citations?hl=en&user=wskm7PsAAAAJ |



Academic Qualification

| Degree | Major | Awarding University | Duration | | Country |
|--------|-------|-------------------------|----------|------------------|---------|
| | | | From | Year of Awarding | |
| BSc | CIS | Philadelphia university | 1996 | 2000 | Jordan |
| MSc | CIS | Arab Academy | 2001 | 2003 | Jordan |
| PhD | CIS | Arab Academy | 2005 | 2009 | Jordan |

Academic Experience

| Duration (Years) | University | Position | Main Duties |
|------------------|----------------------------------|---------------------|----------------|
| 2005-2006 | Isra University | Lecturer | CIS Department |
| 2009-2010 | Isra University | Assistant Professor | CIS Department |
| 2010-2012 | Applied Science University | Assistant Professor | CNS Department |
| 2012-2013 | AL-Husseain Bin Talal University | Assistant Professor | CS Department |

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| ٢٠١٧2013- | Isra University | Assistant Professor | CN & CIS Department |
| 2017-Now | Isra University | Head of CIS Dept | CIS Department |
| 2018 | Isra University | Associate Professor | CIS Department |
| 2018-Now | Isra University | Head of Cyber security | Cyber security Department |

Professional Experience

| Duration (Years) | Institution | Job title | Main duties |
|------------------|-----------------|------------------------|---|
| 2018-2019 | Isra University | Cyber security program | Created the cyber security program in al isra university via prepared course outline, course descriptions and syllabuses. |
| 2018-2019 | Isra University | First Aid Robot | Creating First Aid Robot titled "Dr Isra Robot" that was funded from Isra University (4000 JOD). |
| 2005-2007 | MOE | ICT | Excellent experience in ICT education |

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| | | | track in Jordan and other countries. |
| 2008 | Ministry of Interior | Parliament election | Manager in networking for the parliament election – Jordan. |
| 2008 | MOE | Elearning | Developed professional materials for testing and evaluating E-learning program in Jordan |

Training Courses

| Course | Organizer | Date | Participant/ instructor | language |
|----------|----------------------|------|-------------------------|----------|
| ICDL | MOE | 2003 | Dr Shadi Masadeh | English |
| UJCDL | University of Jordan | 2004 | | English |
| Cisco | MOE | 2006 | Dr Shadi Masadeh | English |
| MCAD.net | MOE | 2007 | Dr Shadi Masadeh | English |

Publications

| Paper title | Journal | ISSN | Vol. Issue | Year | Country |
|---|---|--------------------------------------|----------------------------------|-------------|---------|
| Recommendations Guide for WLAN Security | The Journal of ACM Journal (IJJ) | 2078-7952 (print) 2078-7960 (online) | Volume.1 No.1 | March 2010. | |
| A secure wifi system for wireless networks: an experimental evaluation | international Journal of Network Security | June 2010 | Volume 2010, Issue 6 | June 2010 | |
| A Formal Evaluation of the Security Schemes for Wireless Networks | Research Journal of Applied Sciences, Engineering and Technology | | 3(09): 910-913. | 2011 | |
| Deploying a Web Client Authentication System Using Smart Card for E-Systems | Research Journal of Applied Sciences, Engineering and Technology | | 3(09): 948-952. | 2011 | |
| A secure wifi system for wireless networks: an experimental evaluation | international Journal of Network Security Volume 2010, Issue 6 | | Volume 2010, Issue 6, June 2010, | June 2010 | |

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|---|---|---|------------------------------|------|--|
| A Formal Evaluation of the Security Schemes for Wireless Networks | Research Journal of Applied Sciences, Engineering and Technology, 3(09): | 3(09): 910-913 ,2011 | | 2011 | |
| Deploying a Web Client Authentication System Using Smart Card for E- | Systems. Research Journal of Applied Sciences, Engineering and Technology, 3(09): | 3(09): 948-952. ,2011 | | 2011 | |
| A secure model for building e-learning systems. Network Security, | Volume2012 , Issue 1, January2012 , | 1, January 2012, Pages 17-20 | Volume2012 | 2012 | |
| Cloud computing challenges and Solutions ” International Journal of computer | networks and Communications (IJCNC) Vol.5, No.5, September 2013, | 0974 - 9322[Online]; 0975 - 2293 [Print]. | Vol.5, No.5, September 2013, | 2013 | |
| Novel Secure E-Contents System For Multi-Media Interchange Workflows In Elearning Environments” | International Journal of Computer Networks & Communications (IJCNC) Vol.5 | 0974 - 9322[Online]; 0975 - 2293 [Print]. | Vol.5, No.5, September 2013 | 2013 | |

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|--|--|---|------------------------------|------|--|
| A Proposed Campus Building Process in Cloud Computing | International Journal of Computer Science and Telecommunications, | 2047-3338. | Volume 4, Issue 6, June 2013 | 2013 | |
| A Secure Data Transmission Mechanism for Cloud Outsourced Data | International Journal of Cloud Applications and Computing (IJCAC) | 2156-1834, EISSN: 2156-1826 | Volume 3, Issue 1, 2013 | 2013 | |
| CPU Utilization for a Multiple Video Streaming over a fiber optic ATM- | Network when varying the Quality of Service” International Journal of Emerging Trends in Computing and Information Sciences, | (E-ISSN 2218-6301/ISSN 2079-8407). | Vol. 5 No. 4, April 2014 | 2014 | |
| A Novel Paradigm In Authentication System Using Swifi Encryption | "/Decryption Approach" The International Journal of Network Security & Its Applications (IJNSA), | ISSN : 0975 – 2307 EISSN : 0974 – 9330. | , Volume 6, Issue 1, 2014 | 2014 | |

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|---|--|--------------------------------|---|------|--|
| Secure Communication: A Proposed Public Key Watermark System" | International Journal of Information Security and Privacy(IJISP). | 1930-1650; EISSN: 1930-1669 | Volume 7, Issue 4 , 2014 | 2014 | |
| Database Copyright Protection using Watermarking Arabic – Characters | International Journal of Advances in Computer Science and Technology(IJACST). | | Vol.3 , No.11, P: 30 – 34 (2014) Special Issue of ICCECT 2014 | 2014 | |
| A Performance Comparison of Ciphering Algorithms with the sWIFI Algorithm | International Journal of Advances in Computer Science and Technology (IJACST) ,Vol.3 | | Vol.3 , No.11, P: 35 – 39 (2014) 01- 02 December, 2014,Bangkok, Thailand. | 2014 | |

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|---|---|--|---------------------------|------|--|
| “A Novel Polygon Cipher Technique using hybrid key Scheme “ | International Journal of Computer Science and Information Security (IJCSIS) , VOI 14. | 1947 5500 Copyright © IJCSIS, USA. | VOI 14. NO4 April 2016 | 2016 | |
| A Novel Paradigm for Symmetric Cryptosystem | International Journal of Advanced Computer Science and Applications (ijacsa), 7(3), | | | 2016 | |
| Segmented Block Cipher Algorithm based on ASCII Codes | Journal of Computer Science (JCS) 2017, VOL 13 (12) | ISSN Print: 1549-3636, ISSN Online: 1552-6607 | VOL 13 (12): 748.755 | 2017 | |

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|---|---|---|--------------|------|--|
| "Copyright Protection of Relational Database Systems" | The NDT2010 proceedings will be published in the "Communications in Computer and Information Science" | 1865- 0929- (July 7-9 - 2010). | | 2010 | |
| Visualizing and Processing Solar Images Efficiently", | International Journal of Science and Applied Information | ICCTE 2015 - Held during 23 – 24 November, 2015 | Vol.4, No.5, | 2015 | |
| A novel secure system for E-Learning | Jordan Schools in MOE in Jordan Case Study", Vol.4, | ICCTE 2015 - Held during 23 – 24 November, 2015 | Vol.4, No.5 | 2015 | |

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|--|---|--------------------------------------|---------------------------|------|--|
| Keyless Self Encrypting/Decrypting Scheme for Multimedia Transporting Systems”, | Chapter at the “Multimedia Transcoding in Wireless and Mobile Networks” | | | | |
| Recommendations Guide for WLAN Security | "The Journal of ACM Journal (IJJ), | 2078-7952 (print) 2078-7960 (online) | Volume.1 No.1 March 2010. | 2010 | |
| A HYBRID METHOD FOR FINDING CORRESPONDENCES FROM UN-CALIBRATED PAIR OF HIGH RESOLUTION IMAGES. | The Journal of Macro Trends in Technology and Innovation, | | | 2016 | |

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|---|---|--|--|------|--|
| A NOVEL AUTHENTICATION AND AUTHORIZATION MODEL BASED ON MULTIPLE ENCRYPTION TECHNIQUES FOR ADOPTING SECURE E-LEARNING SYSTEM, | Accepted for Publication at Theoretical and Applied Information Technology, | | | 2018 | |
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Books

| Book Title | Publisher | Country | Edition | Year |
|---|--|---------|-------------------------|------|
| Keyless Self Encrypting/Decrypting Scheme for Multimedia Transporting Systems, Chapter at the "Multimedia Transcoding in Wireless and Mobile Networks | IGI Global, May 15, 2008, ISBN-10: 1599049856, ISBN-13: 978-1599049854 | USA | 1 st edition | 2008 |

Conference

| Scope | Name | Organizer | Date | Country | Participation (attendance –participate) | Peer-Reviewed (Yes /No) |
|--|----------------------------------|--|------|---------|--|----------------------------|
| End to End Keyless Self Encrypting/Decrypting Streaming Cipher | Shadi R. Masadeh & Walid Salameh | Information Technology & National Security Conference, 2007, | 2007 | | Participation | yes |

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|---|--|--|------|--|---------------|-----|
| Efficiency Testing of the Encryption System vs. Keyless Self Encrypting/ Decrypting system. | Shadi R. Masadeh & Walid Salameh | International Arab Conference of e-Technology (IACe-T'2008), 2008, | 2008 | | Participation | yes |
| A Comparison of Data Encryption Algorithms with the Proposed Algorithm: "Wireless Security" | Shadi R. Masadeh, Shadi Aljawarneh and Nidal Turab | NCM2010: 6th International Conference on Networked Computing and Advanced Information Management, Seoul - Korea-2010 | 2010 | | Participation | yes |

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|--|---|---|------|--|---------------|-----|
| A study of secure deployment of wireless technology in the medical fields" Published in ISWSA '10 Proceedings of the 1st | Nidal Turab , Shadi Aljawarneh and Shadi R. Masadeh | International Conference on Intelligent Semantic Web-Services and Applications - | | | Participation | yes |
| The Impact of Web Applications On Decision-Making Process In the Public Sector" | Shadi R. Masadeh & Ayman Aburub | International Conference on Intelligent Semantic Web - Services and Applications (ISWSA 2010) | 2010 | | Participation | yes |

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|---|--|---|------|--|---------------|-----|
| Towards better Interaction between Students and Lecturer in Computer Lab Environment through a different Lab Design: Survey Results | Ahmad Azzazi, Shadi R. Masadeh and Nidal Turab | EELU International conference on E-learning in the Arab world, Challenges and prospective of development, | 2012 | | Participation | yes |
|---|--|---|------|--|---------------|-----|

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|--|---|---|------|--|---------------|-----|
| Visualizing and Processing Solar Images Efficiently”, 2nd | Jamal Zraqou and Shadi R. Masadeh, | International Conference on Computing, Technology and Engineering (ICCTE 2015), | 2015 | | Participation | yes |
| “A novel secure system for E-Learning: Schools in MOE in Jordan Case Study”, | Shadi R. Masadeh, Jamal Zraqou, & Mohamad Wadi, | 2nd International Conference on Computing, Technology and Engineering (ICCTE 2015), | 2015 | | Participation | yes |

Research Interests

- Mobile applications and ICT
- Encryption and Decryption Systems
- E-Learning Management
- Wireless security and Cyber Crime
- Networking and Security Issues
- Security of Cloud Computing

Professional Memberships

ACM Member

IEEE Member

Languages

- Arabic – Native Language
- English – Excellent

Postgraduate Supervision

| Title | supervisee |
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Honors/Awards

- Creating First Aid Robot titled “Dr Isra Robot “that was funded from Isra University (4000 JOD).