

Personal Information

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| Name | Samar Al-Saqqa |
| Place and date of birth | Amman |
| Faculty | King Abdullah II School of Information Technology |
| Department | Information Technology |

Qualifications

| Qualification | Specialization | University of donor rank | Date |
|----------------------|---------------------------------------|---------------------------------|-------------|
| Master | Computer Science (Rank: Excellent) | The university of Jordan | 2007 |
| Bachelor | Computer Science (Rank: Excellent) | The university of Jordan | 2003 |
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Specialization and domain of interest

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| Specialization | Computer Science |
| Domain of interest | Computer Science |
| Specialization and domain of interest | The research interests in the areas of Artificial Intelligence, Natural language processing, Sentiment Analysis, Machine Learning, Data Mining and e-technologies. |

Title and abstract of the doctoral thesis (within 150 words)

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Career Experience

| Job Title | Place of work | Date |
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| Instructor | King Abdullah II School of Information Technology/The University of Jordan | 6/9/2009 till now |
| Blackboard System Administrator/ | Development Affairs Office / The University of Jordan | 1/9/2004 - 5/9/2009 |
| Software Developer | CEB (Computer Engineering Berou) Company | 1/7/2003 - 31/8/2004 |
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Administrative works and committees

| Administrative work and committee | Date |
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| Student Projects and Training | 2020/2021 |
| Department Social Committee | 2020/2021 |
| Students Election Committee | 2020/2021 |

Recent Publications within last five years

| Name of researcher | Research title, Publisher, Date |
|---|---|
| Samar Al-Saqqa ,Sufyan Almajali | Blockchain Technology Consensus Algorithms and Applications: A Survey, International Journal of Interactive Mobile Technologies (iJIM),2020 |
| Samar Al-Saqqa Mustafa A. Al-Fayoumi Malik Qasaimeh | Intrusion Detection System for Malicious Traffic Using Evolutionary Search Algorithm, Recent Patents on Computer Science,2020 |

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| Samar Al-Saqqa ,Ghazi Al-Naymat | Unsupervised Sentiment Analysis Approach Based on Clustering for Arabic Text, 35th IBIMA ,ISI Conference,2020 |
| Samar Al-Saqqa, Samer Sawalha , Hiba Abdel-Nabi | Agile Software Development: Methodologies and Trends, International Journal of Interactive Mobile Technologies (iJIM),2020 |
| Samar Al-Saqqa, Arafat Awajan | The Use of Word2vec Model in Sentiment Analysis: A Survey, AIRC '19: 2019 International Conference on Artificial Intelligence, Robotics and Control,2019 |
| Samar Al-Saqqa, Arafat Awajan,Said AlGoul | Stemming Effects on Sentiment Analysis using Large Arabic Multi-Domain Resources, The Sixth IEEE International Conference on Social Networks Analysis, Management and Security,2019 |
| Samar Al-Saqqa, Ghazi Al-Naymat,Arafat Awajan | A Large-Scale Sentiment Data Classification for Online Reviews Under Apache Spark, Procedia Computer Science, 2018 |
| Samar Al-Saqqa, Hiba Abd Alnabi, Arafat Awajan | A Survey of Textual Emotion Detection 8th International Conference on Computer Science and Information Technology (CSIT),2018 |
| Samar Al-Saqqa, Nadim Obaid,Arafat Awajan, | Sentiment Analysis for Arabic Text using Ensemble Learning IEEE/ACS 15th International Conference on Computer Systems and Applications (AICCSA), 2018. |
| Rizik Al-Sayyed,Samar Al-Saqqa, Dana Al Qudah, Ja'far Alqatawna, Ahmad A. Suleiman | The role of social media networks in shaping the e-content generation, Journal of Instructional Technology and Distance Learning,2017 |
| Rizik Al-Sayyed, Feras Namous, al-monther Khalafat, Bashar Al-Shboul, Samar Al-Saqqa | New Synchronization Algorithm Based on Delta Synchronization for Compressed Files in the Mobile Cloud Environment, International Journal of Communications, Network and System Sciences,2017 |

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| Dana Al Qudah, Alexandra Cristea, Suncica Hadzidedic, Samar Al-Saqqqa, Ali Rodan, Wei Yang | Personalized E-Advertisement and Experience: Recommending User Targeted Ads, IEEE 12th International Conference on e-Business Engineering (ICEBE), 2015 |
| Dana Al Qudah, Alexandra Cristea, Suncica Hadzidedic, Samar Al-Saqqqa, Rizik Al-Sayyed | A Taxonomy-Based Evaluation of Personalized E-Advertisement, , IEEE International Conference on Computer and Information Technology; Ubiquitous Computing and Communications; Dependable, Autonomic and Secure Computing; Pervasive Intelligence and Computing (CIT/IUCC/DASC/PICOM),2015 |
| Muhammad Anwar Al-Shboul, Osama Rababah, Moh'D Anwer Al-Shboul, Samar Al-saqqqa | Challenges and Factors Affecting the Implementation of E-Government in Jordan, Journal of Software Engineering and Applications ,2014 |
| Samar Al-Saqqqa, Rizik Al-Sayyed, Mohmmad Alshraideh Maisaa abu Obaidah , Sana'a Balawi | How Technology Affects Our Life: The Case of Mobile Free Minutes in Jordan, Life Science Journal ,2014 |

Scientific conferences and symposia

| Conference Title | Place and date of conference | Type of participation |
|--|--|-----------------------------|
| ACM/AIRC '19: 2019 International Conference on Artificial Intelligence, Robotics and Control | Cairo-Egypt December 2019 | Presenting a research paper |
| SNAMS2019: Sixth International Conference on Social Networks Analysis, Management and Security IEEE- Granada university | 2019/10/25-2019/10/22 Granada-Spain | Presenting a research paper |
| ICTCS2019: The Second International Conference on New Trends in Computing Sciences IEEE | 2019/10/11-2019/10/9 Amman-Jordan | Attendance |

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| The 9th International Conference on Emerging Ubiquitous Systems and Pervasive Networks (EUSP-N) Elsevier | 2015/11/8-2018/11/5 Belgium | Presenting a research paper |
| AICCSA 2018: 15th ACS/IEEE International Conference on Computer Systems and Applications IEEE | 2018/11/1- 2018/10/28 Aqaba-Jordan | Presenting a research paper |
| ICTCS2017: The Second International Conference on New Trends in Computing Sciences IEEE | 2017/10/13-2017/10/11 Amman-Jordan | Attendance |

Training courses

| Name of course | Date |
|---|------|
| Preparing Exam On Moodle Accreditation and Quality Assurance Center The University of Jordan | 2020 |
| Exams on Microsoft teams Accreditation and Quality Assurance Center The University of Jordan | 2020 |
| Camtasia 9 Accreditation and Quality Assurance Center The University of Jordan | 2020 |
| Cyber Security Fork Project The University of Jordan | 2020 |
| Mobile Forensics\ Fork Project The University of Jordan | 2020 |
| Cyber Security Threat\ Fork Project The University of Jordan | 2020 |
| Blended Learning –The University of Jordan | 2019 |
| Latex Workshop Accreditation and Quality Assurance Center The University of Jordan | 2018 |
| How To Increase Citations Accreditation and Quality Assurance Center The University of Jordan | 2018 |

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| Scientific Research with Big Data Accreditation and Quality Assurance Center The University of Jordan | 2018 |
| SPSS Accreditation and Quality Assurance Center The University of Jordan | 2017 |
| Web Of Science And Endnote The University of Jordan | 2016 |
| Using Social Media In teaching and learning- Accreditation and Quality Assurance Center The University of Jordan | 2016 |
| Pioneers Microsoft | 2016 |

Teaching activities

| Taught Courses | Bachelor | Graduate |
|-------------------------------------|----------|--------------------------|
| Computer Ethics | ■ | <input type="checkbox"/> |
| Fundamentals of Information Systems | ■ | <input type="checkbox"/> |
| Management Information Systems | ■ | <input type="checkbox"/> |
| Web Application Development 1 | ■ | <input type="checkbox"/> |
| Web Application Development 2 | ■ | <input type="checkbox"/> |
| Database Tools | ■ | <input type="checkbox"/> |
| Discrete Mathematics | ■ | <input type="checkbox"/> |
| Computer Skills for Scientific | ■ | <input type="checkbox"/> |
| Computer Skills for Humanities | ■ | <input type="checkbox"/> |
| Computer Skills1 | ■ | <input type="checkbox"/> |
| Social Media | ■ | <input type="checkbox"/> |

Membership in scientific and professional bodies and societies

| Name and place of scientific body and society | Date |
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Awards

| Name of Award | Donor and place of award | Date |
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