

Alaa Abu Srhan

Curriculum Vitae

Personal Information

Date of Birth 8th Oct 1987
Gender Female
Marital Status married
Nationality Jordanian

Education

2012–2014 **Masters of Computer Science**, Zarqa University, Zarqa, Jordan, GPA – 91.5.
First Class Honors.
2005–2009 **Bachelor of Computer Engineering**, Al-balqa University, Amman, Jordan, GPA–
3.51 out of 4..

Masters Thesis

title *An Improved Algorithm for the Traveling Salesman Problem and its Application in Bioinformatics*
supervisors Dr. Essam Al Daoud

Bachelor graduate project

title *Fuzzy Image Segmentation Based Eye Detection*
supervisors Dr. Abdalwaddod musleh

Experience

2015–Present **Full-time Lecturer**, Heshemite University, Zarqa..
2010–2015 **System and Network Engineer**, Zarqa University, Zarqa..

Training

Training course in Unix (essential and intermediate)
Training course in CCNA
Training course in juniper
2373:Programming With Microsoft Visual Basic .net ASP.net(VB,SQLserver)
Training Course in Computer Maintenance
Certificate in ICDL
Training Course in Computer Maintenance

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Publications

- 2019- Mais Haj Qasem, Alaa Abu Sarhan, sanaa al zghoul. "Fog Computing Framework for Smart City Design", International Journal of Interactive Mobile Technologies (iJIM) accepted for publication
- 2017 Alaa Abu Sarhan, Azzam Sleit, and Ahmad Sharieh. "Parameters Estimation of the COCOMO Model Using Hybrid Algorithm of Genetic Algorithm and Cuckoo Search Algorithm." *New Trends in Information Technology* (2017): 67.
- 2017 Mais Haj Qasem, Alaa Abu Sarhan, Raneem Qaddoura, and Basel A. Mahafzah. "Matrix multiplication of big data using MapReduce: A review." In *Applications of Information Technology in Developing Renewable Energy Processes and Systems (IT-DREPS)*, 2017 2nd International Conference on the, pp. 1-6. IEEE, 2017.
- 2017 Raneem Qaddoura, Alaa Abu-Srhan, Mais Haj Qasem, and Amjad Hudaib. "Requirements Prioritization Techniques Review and Analysis." In *2017 International Conference on New Trends in Computing Sciences (ICTCS)*, pp. 258-263. IEEE, 2017.
- 2015 Ala'a Abu-Srhan and Muhannad Al-Hasan, "Hybrid Algorithm using Genetic Algorithm and Cuckoo Search Algorithm for Job Shop Scheduling Problem", *International Journal of Computer Science Issues Already Published in*, pp.29-38, Volume 12, Issue 2.
- 2013 Ala'a Abu-Srhan and Essam Al Daoud, "Hybrid Algorithm Using a Genetic Algorithm and Cuckoo Search Algorithm to Solve the Traveling Salesman Problem and its Application to Multiple Sequence Alignment", *International Journal of Advanced Science and Technology Already Published in*, pp.29-38, Vol. 61 (4).

Languages

Arabic Mother tongue
English excellent