

Dr. Saher Manaseer

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Objective

My objective is to obtain a respectful position in academia and to succeed as a researcher in my field. Moreover, I aim to have an influential position that serves humanity and to support the development of the Hashemite Kingdom of Jordan towards wellbeing and prosperity.

Employment History

Assistant Dean for Student Affairs

2014 – 2015, the University of Jordan. King Abdullah II School for Information Technology

Assistant Professor

2010 – Current , the University of Jordan, Amman

- Teaching postgraduate and undergraduate courses
- Joint research publications in the field of Computer Networks.

Assistant Dean for Development and Computerization

2011–2012 The Faculty of Postgraduate Studies The University of Jordan.

- Supervising the automation of postgraduate procedures.
- Supervising the technical team responsible of faculty website.
- Participated in updating rules and regulations of postgraduate studies.

Tutor

2004 - 2009 The University of Glasgow, Glasgow, UK

- Tutoring undergraduate courses.
- Marking assignments and exams.

Translator / Interpreter

2006 - 2009 The United Kingdom Home office, Glasgow, UK

- Official document translation.
- Interpreting for Asylum Seeking court cases.

International Computer driving License Trainer

2002 - 2004 Amman, Jordan

- ICDL Training courses.
- ICDL exam coordination and supervision.

Teaching Assistant

2002 - 2003 The University of Jordan, Amman, Jordan

- Student follow up and assistance.
- Tutoring.
- Grading.
- Exam Supervision.

Database developer

2001 - 2002 Computer and Engineering Bureau (CEB), Amman, Jordan

- Database analysis.
- Commercial software development of insurance companies.
- Data testing and Quality Assurance procedures.

Database Developer and Administrator

2000 - 2001 Amman Chamber of Industry, Amman, Jordan

- Develop Oracle database and applications for Industrial Information Bank.
- Administration of database transactions and operations
- Industrial facility registration and data maintenance.

Education

2004 - 2009 Glasgow University, Glasgow, UK

- PhD in Computer Science/ Computer Networks

2001 - 2004 The University of Jordan, Amman

- Master of Science/ Computer Science

1997 - 2000 The University of Jordan, Amman

- B.Sc. in Computer Science

Other Experience

- Certified Cisco Trainer.
- Business negotiation Course, the British counsel.
- International Marketing Strategies and theories, Amman Chamber of Industry.
- Passed the Oracle SQL proficiency test.
- Advanced UNIX Administration.

Thesis Supervision:

- Nafea Kharabsheh (Thesis 2015), "**Clustering-based broadcasting in ad hoc networks** "
- Eman Beno (Thesis 2015), "**The effect of network transmission history on backoff algorithms for mobile ad hoc networks.**"
- Fatima Badwan (Thesis 2015) "**History-Based Backoff Algorithms for Mobile Ad Hoc Networks**"

Publications

- Saher Manaseer, et al., "**On the Choice of Parameter Values for Simulation Based Experiments on Mobile Ad Hoc Networks**". *International Journal of Communications, Network and System Sciences*, Vol 9 (4), Apr 2016.
- Saher Manaseer, et al., "**Load Balancing for Hex-Cell Interconnection Network**". *International Journal of Communications, Network and System Sciences*, Vol 9 (4), Apr 2016.
- Saher Manaseer, et al., "**Automatic Test Data Generation for Java Card Applications Using Genetic Algorithm**". *Journal of Software Engineering and Applications (JSEA)*, Vol.8 No.12, DEC 2015 pp: 601-616.
- Manaseer, Saher. "**On backoff mechanisms for wireless mobile ad hoc networks.**" *PhD diss., University of Glasgow, 2010.*
- Al-Sayyed, R. M., Manaseer, S., & Rababeh, O. (2010). Mobile Information System, How to Build with Case Study. *iJIM*, 4(4), 12-17.
- Yassein, Muneer Bani, Saher Manaseer, Asmahan Abu Al-hassan, Zeinab Abu Taye, and Ahmed Y. Al-Dubai. "**A new probabilistic Linear Exponential Backoff scheme for MANETs.**" *In Parallel & Distributed Processing, Workshops and Phd Forum (IPDPSW), 2010 IEEE International Symposium on*, pp. 1-6. *IEEE, 2010.*
- Momani, Ahmad Abed Elallah, Muneer Bani Yassein, Omar Darwish, Saher Manaseer, and Wail Mardini. "**Intelligent paging backoff algorithm for ieee 802.11 mac protocol.**" *Network Protocols and Algorithms* 4, no. 2 (2012): 108-123.
- Yassein, Muneer O. Bani, Saher S. Manaseer, and Ahmad A. Momani. "**Adaptive Backoff Algorithm for Wireless Internet.**" *Journal of Emerging Technologies in Web Intelligence* 4, no. 2 (2012): 155-163.

- Yassein, Muneer Bani, Osama Al Oqaily, Geyong Min, Wail Mardini, Yaser Khamayseh, and Saher S. Manaseer. "**Enhanced Fibonacci Backoff Algorithm for Mobile Ad-Hoc Network.**" In *Computer and Information Technology (CIT), 2010 IEEE 10th International Conference on*, pp. 749-754. IEEE, 2010.
- Manaseer, S., and Muneer Masadeh. "**Pessimistic backoff for mobile ad hoc networks.**" In *Al-Zaytoonah University, the International Conference on Information Technology (ICIT'09)*, Jordan. 2009.