

Curriculum Vitae

Dr. Loiy Taisir Muqbel Alsbatin

Amman, Jordan

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PERSONAL INFORMATION

Nationality: Jordanian

Date of Birth: July 1, 1985

Marital Status: Married, 2 children

EDUCATION

▪ PhD in Computer Engineering (Networks and systems)

Sep 2012- Feb 2019

University Eastern Mediterranean University, North Cyprus via Mersin 10, Turkey

Advisor Assoc. Prof. Dr. Gürcü Öz

Co-advisor Prof. Dr. Ali Hakan Ulusoy

Dissertation Energy-Efficient Management for Dynamic Consolidation of Virtual Machines in Cloud Data Centers Under QoS Constraints

GPA Excellent (4.00/4.00)

Coursework Advanced Systems Simulation, Personal Wireless Communications, Parallel and Distributed Programming, Queuing Networks for Computer Applications, Analysis of Computer Communication Networks, Cryptography and Network Security, and Probabilistic Models

Honors Full Scholarship of Ministry of Higher Education (North Cyprus)

▪ Master in Computer Engineering

Feb 2008- Feb 2012

University Jordan University of Science and Technology (JUST), Irbid, Jordan

Advisor Asst. Prof. Dr. Mazen Kharbutli

Co-advisor Prof. Dr. Ali Shatnawi

Dissertation A dynamic Mapping Technique for Cache Hashing in Chip Multiprocessors

GPA Very good (81.4%)

Coursework High-Performance Computer Architecture, Parallel Programming, Advanced Computer Networks, Computer Network Security, Advanced Operating Systems, Artificial Intelligence and Machine Learning, Special Topics in Computer Engineering (Advanced Integrated Circuit Design), Advanced Algorithms, and Seminar in Computer Engineering

▪ Bachelor in Computer Engineering

Sep 2003-Jan 2008

University Mu'tah University, Karak, Jordan

▪ General secondary examination certificate (Scientific Stream)

2002-2003

School Elite School, Amman Jordan

GPA Very Good (89.9%)

EXPERIENCE

▪ Current position

- Assistant Professor in the Department of Computer Networks and Cybersecurity, Faculty of Science and Information Technology, Jadara University, Irbid, Jordan

Feb 2024 - present

▪ Previous position

- Lecturer in the Department of Computer Science, Faculty of Science and Humanities, Dawadmi, Shaqra University, Saudi Arabia.

Sep 2014– Feb 2024

- **Coordinator of the Department of Computer Science**, Faculty of Science and Humanities, Dawadmi, Shaqra University, Saudi Arabia. Feb 2022– July 2023
- **Computer Engineer in Developed Crushers Company (Manaseer Group Corporation)**, Amman, Jordan Feb/2009– Feb 2012
- **Training**
 - B.Ss. Practical Training in Networking at Computers and Communication Systems Co. (CCS), Amman, Jordan Sep 2007– Nov 2007

PUBLICATION (in refereed journals and conferences)

- Loiy Alsbatin, Gurcu Oz, and Ali Hakan Ulusoy, “An Overview of Energy-Efficient Cloud Data Centres,” in Proceedings of the International Conference of computer and applications, Dubai, United Arab Emirates, 2017, pp. 211- 214. **DOI:** 10.1109/COMAPP.2017.8079789
Available online: <https://ieeexplore.ieee.org/document/8079789>
- Loiy Alsbatin, Gurcu Oz, and Ali Hakan Ulusoy, “A Novel Physical Machine Overload Detection Algorithm Combined with Quiescing for Dynamic Virtual Machine Consolidation in Cloud Data Centers,” The International Arab Journal of Information Technology, vol. 17, no. 3, pp. 358-366, May 2020, (Thompson Reuters SCIE), **DOI:** 10.34028/iajit/17/3/9
Published online on May 2019: <https://iajit.org/PDF/May%202020.%20No.%203/16897.pdf>
- Loiy Alsbatin, Gurcu Oz, and Ali Hakan Ulusoy, “Efficient Virtual Machine Placement Algorithms for Consolidation in Cloud Data Centers,” Computer Science and Information Systems, vol. 17, no. 1, pp. 29-50, January 2020. (Thompson Reuters SCIE), **DOI:** 10.2298/CSIS181122036A.
Available online: <http://www.comsis.org/archive.php?show=ppr687-1811>

My Profiles:

Google Scholar <https://scholar.google.com/citations?user=n6WV0xgAAAAJ&hl=en>

ResearchGate <https://www.researchgate.net/profile/Loiy-Alsbatin>

ORCID <https://orcid.org/0000-0002-3892-698X>

DBLP <https://dblp.org/pid/260/1758.html>

Web of Science <https://www.webofscience.com/wos/author/record/2380526>

Scopus <https://www.scopus.com/authid/detail.uri?authorId=57200163446>

Research interests:

Distributed Systems, Cloud Computing, Fog/Edge Computing, Internet of Things, Machine Learning, and Cyber Attack

RESEARCH FUNDING AND GRANTS

- The deanship of scientific research at Shaqra University, Saudi Arabia. (2023-2024), 20000 SAR
Research Title: Effective Selection of Ensemble Machine Learning Algorithm to Identify Cyber Attacks in Internet of Things