

Curriculum Vitae

Dr. Almabruk Sultan

Assistant Professor of Computer Science
Benghazi, Libya



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Professional Profile

Accomplished academic and consultant with over 30 years of experience in teaching, research, and educational leadership across Libyan and international universities. Specialized in computer science, operating systems, information security, and technology transfer. Holder of a Ph.D. in Numerical Modeling and awarded the Fulbright Visiting Scholar (USA, 2013). Recognized for contributions to higher education development, curriculum design, and advancing research in technology transfer and information security.

Key Highlights

- Assistant Professor of Computer Science, University of Benghazi.
- 30+ years' experience in higher education teaching, supervision, and faculty management.
- Doctor of Philosophy (Ph.D.) in Numerical Modeling, Universiti Putra Malaysia.
- Fulbright Visiting Scholar, USA (2013).
- Extensive publication record in technology transfer, information security, and digital transformation.
- Consultant in computer security, information assurance (IA), and technology transfer.

Education

Ph.D. in Numerical Modeling – Universiti Putra Malaysia, 2010

Thesis: Development of Technology Transfer Model with Performance Factors for the Libyan Petroleum Industry

M.Sc. in Computer Systems Engineering – Universiti Putra Malaysia, 2001

Thesis: The Development of Color-Based Visual Search Utility

B.Sc. in Computer Science – University of Garyounis, Benghazi, Libya, 1992

Certifications

Fulbright Visiting Scholar Program – Technology in the Classroom, USA, 2013

Intensive English Program, ELS International, Malaysia, 1997

Academic & Professional Experience

- University of Benghazi – Faculty of Education (2020 – Present)
 - - Assistant Professor, Computer Science Department
 - - Teaching: Operating Systems, Computer Security, Logic Design
 - - Supervising undergraduate research projects
 - - Member of international ranking and scientific labs committees
- Libyan Academy, Benghazi (Adjunct Professor) (2012 – Present)
 - - Teaching postgraduate courses: Advanced Operating Systems, Distributed Systems
 - - Supervising Master's research
- University of Ajdabiya – Faculty of IT (2011 – 2020)
 - - Taught Operating Systems, Computer Architecture, Microprocessors
 - - Supervised undergraduate final projects
- Benghazi University – Faculty of Engineering & Science (2011 – 2014)
 - - Dean of Faculty (2011–2013)
 - - Developed curricula for new departments and chaired scientific committees
 - - Member of the international ranking committee
- Universiti Putra Malaysia – Institute of Advanced Technology (ITMA) (2005 – 2010)
 - - Researcher in technology transfer modeling for the petroleum industry
 - - Chaired the 1st Conference on Research Skills (2009)
- Sirte University – College of Petroleum Engineering (2001 – 2002)
 - - Faculty member, taught specialized courses
- Bright Star University of Technology – Brega, Libya (1993 – 1996)
 - - Faculty staff, Computer Science Department

Publications

1. Mohamed, A.S., Ali Abdulaziz. Study of the Libyan Engineering Educational Systems. Proceedings of The 3rd Engineering Education Systems in Libya (HOON2001), Hoon Engineering Institute, 22-23 September 2001, Hoon, Libya.
2. Mohamed, A.S., Megat Ahmad M.M.H., A.M.S. Hamouda, Sapuan S.M. Management of the Libyan Technology Transfer in the Petroleum Industry: The Performance and Adoption Assessments. Proceedings of The 4th Technology of Oil and Gas Forum and Exhibition (TOG2008), Petroleum Institute, 21-23 October 2008, Tripoli, Libya.
3. Mohamed, A.S., Megat Ahmad M.M.H., A.M.S. Hamouda, Sapuan S.M. Review of the Legal Aspects in the Libyan Oil Industry and the Importance of Technology Transfer. Proceedings of the 3rd Conference on Law and Technology (CLT3), November 11-12, 2008, UKM, Putrajaya, Malaysia, pp. 423-430.
4. Mohamed, A.S., Megat Ahmad M.M.H., A.M.S. Hamouda, Sapuan S.M. Technology Transfer and Adoption in the Libyan Petroleum Industry: A Review. Proceedings of the

International Conference on Science and Technology (ICSTIE2008), 12-13 December 2008, UiTM, Pulau Pinang, Malaysia, pp. 22-28.

5. Mohamed, A.S., Megat Ahmad M.M.H., A.M.S. Hamouda, Sapuan S.M. Analysis of Performance and Adoption of Technology Transfer in the Libyan Petroleum Industry. Proceedings of Encon2008 2nd Engineering Conference, UNIMAS, Sarawak, Malaysia, 18-19 December 2008, pp. 481-485.
6. Mohamed, A.S., S.M. Sapuan, M.M.H. Megat Ahmad, A.M.S. Hamouda, B.T. Hang Tuah Bin Baharudin. The Effect of Technology Transfer Factors on Performance: An Empirical Study of Libyan Petroleum Industry. American Journal of Applied Sciences, 6(9), 1763-1769, 2009.
7. Mohamed, A.S., S.M. Sapuan, M.M.H. Megat Ahmad, A.M.S. Hamouda, B.T. Hang Tuah Bin Baharudin. Modeling Technology Transfer For the Petroleum Industry in Libya: An Overview. Scientific Research and Essay, Vol. 5(2), pp. 130-147, 18 January 2010.
8. Mohamed, A.S., S.M. Sapuan, M.M.H. Megat Ahmad, A.M.S. Hamouda, B.T. Hang Tuah Bin Baharudin. Modeling Technology Transfer Process in Petroleum Industry: Evidence from Libya. Submitted October 30th, Journal of Mathematical and Computer Modelling.
9. Mohamed, A.S., S.M. Assessment of Security Issues in Banking Sector of Libya. International Journal of Computer Applications, Vol 176(12), April 2020.
10. Mohamed, A.S., S.M. Building Security Perimeters to Protect the Banking Sector in Libya. International Journal of Computer Applications, Vol 176(12), April 2020.
11. Mohamed, A.S., Qusay H. Al-Salami, Fatma I. El-Zelawi. Customer Satisfaction with Quality of ISO Standard 9126 Services in Electronic Banking in Libya. Cihan University-Erbil Journal of Humanities and Social Sciences, Vol.VII-No, Feb 2023, pp.58-67.
12. Mohamed, A.S., Khaled Elturki. The Digital Infrastructure Standard for Assessing the Quality of Higher Education Institutions: A Case Study of Libyan State Universities. Second International Conference 2023 on Quality of Education and Digital Transformation.
13. Mohamed, A.S., A. Layas, N. Saieti. Investigating Practices of Information Security Awareness: Perspectives from Government Entities in Libya. International Journal of Computer Applications, Vol. 186, No. 1, January 2024.
14. Mohamed, A.S., M. Younis. Securing the Connected Home: Addressing IoT Privacy and Security Challenges with Comprehensive Strategies. International Journal for Multidisciplinary Research, Vol 6, Issue 3, May-June 2024, pp.1-13.

Awards & Recognition

Fulbright Visiting Scholar Program (2013) – United States

Recognized for leadership in developing academic curricula and international collaboration