D R . A B U B K R A B D E L S A D I Q

Nationality: Libyan
Date of Birth: 9th Mars 1970
Place of birth: Alkhums - Libya
Marital status: Married
Email: abubkr.abdelsadiq@elmergib.edu.ly
Mobile:+218-925730829

E D U C A T I O N

- **Ph.D. in Computer Science (2013)**
  Dissertation: *A toolkit for model checking of electronic contracts*
  Newcastle University, Newcastle upon Tyne, NE1 7RU, UK.
- **M.Sc. in Computer Science (2003)**
  Salford University, Salford, Crescent Salford, M5 4WT, UK.
- **B.Sc. in Computer Science (1993)**
  Sebha University, Sebha, Libya.

Foreign Languages
English

Teaching experience

Elmergib University-Faculty of science – Computer science dep. - lecturer	2004-Now
Misurata University - Computer science dep. - lecturer	2006
Newcastle University - School of computer science - Demonstrator	2011 -2012
Elmergib University-Faculty of Information Technology - Lecturer	2016

Current and past classes:

Computer programming	Data structures
Programming with Java	Computer Algorithms
Programming with C#	Computer Applications - Java
Database systems	Internet programming
Advanced databases	Others…

Professional experience

Head of Computer department- Faculty of science-Elmergib University	2004-2007
Head of Computer department- Faculty of science-Elmergib University	2013-2014
Director of Elmergib University Libraries	2015-2016
Director of Elmergib University Information and Technology Centre (ITC)	2017-2021

Publications

1. Towards adopting Virtual Computing Labs in higher education institutes in Libya. Accepted in CEST 2022 – Nalut University. 2022.
2. A. Abdelsadiq, et al. Cloud computing in higher education institutions: A study on potentials and costs (in Arabic). Alklaa, Faculty of arts and science, Meslata. Elmergib University. 2018.
3. A. Abdelsadiq, et al. Challengs and Risks of Cloud based E-Government Establishment. The First Economic Conference on Investment and Development, ECIDIKO2017.Al-Khoms, Libya.2017.
4. A. Abdelsadiq, A.Assaid. Towards Libyan Research and Education Network (*LibREN*). The fourth International Platform on Integrating Arab e-Infrastructure in a Global Environment, e-Age 2014. Sultanate of Oman. 2014.
5. A. Abdelsadiq, C. Molina-Jimenez, and S. Shrivastava. A high-level model–checking tool or verifying service agreements. In: Proceedings of the 6th IEEE International Symposium on Service Oriented System Engineering (SOSE 2011). Irvine, CA, USA, Nov. 2011, pp. 297-304.
6. A. Abdelsadiq, C. Molina-Jimenez, and S. Shrivastava. On Model Checker Based Testing of Electronic Contracting Systems. In: Proceedings of the 12th IEEE Conf. on Commerce and Enterprise Computing (CEC 2010). Shanghai, Dec. 2010, pp. 88-95.

Conferences and workshops

1. Establishing Technology Transfer Offices (TTOs) in Libyan Universities workshop, part of Wheel Project training, Tunis, Tunisia. September 2022.
2. Open Educational resources workshop in Tunisia Virtual University. Tunisia, Hamamat. August 2017
3. The strategy of electronic services in Libya workshop –Libya, Tripoli.
4. Arabic Union Catalogue workshop. Morocco, Casablanca.
5. Campus network monitoring workshop. Tunisia, Tunis.
6. Workshop on electronic library and the role of the Unified Arab Catalog. Tripoli, Libya.
7. E-Age 2014 - Oman.
8. E-Age 2013 – Tunis.
9. Live demo of the Egyptian student information system. Egypt, Cairo.
10. Presentation skills – Newcastle University, UK.
11. Practical use of statistical methods – Newcastle University, UK.
12. Workshop on networking and scientific conferences – Newcastle University, UK.
13. Workshop on teaching in higher institutions (3 Full days) – Newcastle University, UK.

Tools and programming languages

1. C#, VB, Java, Python programming languages
2. Sql Server 2019, MySQL, Access database management System
3. HTML, PHP, CSS

4. Microsoft office (Word, Excel, PowerPoint, …)
5. Content Management System (Joomla + Wordpress + Xoops)
6. Open publishing System (OJS, Dspace)
7. Others

Recent Research Interests

Currently I am interested in Smart contracts, Blockchain and Bitcoin technologies, some of the hottest research topics nowadays. The Smart contracts' topic is tightly coupled to my PhD thesis (published at Newcastle University website, UK). My tool for verifying smart contracts is of interest to researches from top class Universities, references to my tool are available on Cambridge labs website (see the link for more info).

References

- Prof. Santosh Shrivastava - Email: santosh.shrivastava@ncl.ac.uk
- Dr. Carols Molina – Email: Carlos.Molina@cl.cam.ac.uk