

# Curriculum Vitae

**Tawfig M. Abdelaziz**



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## **Biography**

Tawfig M. Abdelaziz Tawill received and completed his primary and secondary education in Libya in 1983. In 1984 he started at the University of Garyounis at the Faculty of Science at the Department of Computer Science. Tawfig received his B.Sc. degree in Computer Science in 1989. In 1989 he was appointed as a programmer at Brigha Oil Company. In 1991, Tawfig joined Garyounis University at the department of computer science as an instructor. Tawfig left Libya in 1993 to the Czech Republic to study, and he received his M.Sc. degree in July 1996 in computer science from the Technical University of Brno, Department of Computer Science and Engineering, Czech Republic, Brno.

The M.Sc. study was done in English and consisted of ten courses in pure Computer science with a Dissertation named Technique of Modeling and Design of Database Applications.

In September 1997, Tawfig joined the faculty of Science at the University of Garyounis in the city of Benghazi, Libya as an assistant lecturer at the Department of Computer Science. In September 2001, Tawfig was given the position of a Lecturer and awarded a scholarship to do his Ph.D. research study. He started his Ph.D. in Germany in February 2002 and completed it in 2008.

In November 2008, He joined the faculty of Information Technology at the University of Garyounis as an Assistant Professor. From December 2008 up to May 2103, he was the head of the Software Engineering department at the faculty of Information Technology. Since June 2013, he is the vice dean and director of postgraduate study of the faculty of Information Technology. From April 2015, he is the dean of the faculty of Information Technology. Since 1<sup>st</sup> of May 2019, he is the dean of the faculty of Information Technology at the Libyan International Medical University.

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## **Personal Information**

Position	Associate Professor
Name	Tawfig Mohammed Abdelaziz
Family Name	Eltawill
Citizenship	Libyan.
Place and date of birth	Benghazi Libya, 03, October 1965.
Sex	Male.
Marital Status	Married.
Number of children	6.
Address 1	Faculty of Information technology, University of Benghazi, Benghazi, Libya.
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## **Professional Experience**

- May 2019 – Present: Dean of Faculty of information technology, Libyan International Medical Benghazi – Libya.
- Since March 2016 – Present, he is a Board member of the LPTIC (part-time).
- Since June 2012 – Present, he is chairman of the National Library (part-time).
- April 2015 – May 2019: Dean of faculty of information technology, University of Benghazi (previously University of Garyounis).
- October 2010 – Present: Board member of Tatweer Research, Tatweer Research has offices in London and Benghazi
- May 2103 – April 2015: Vice-dean and Director of postgraduate study at faculty of information technology, University of Benghazi.

- November 2008 - May 2103: Head of the Department of Software Engineering at the faculty of information technology, University of Benghazi.
- September 2002 –June 2008: Ph.D. student at Duisburg-Essen University in West Germany.
- September 1998 -2001 Head of the Department of Computer Science at Faculty of Science at the University of Garyounis.
- September 1996 – 1998 Lecturer at the Department of Computer Science at the faculty of Science at the University of Garyounis.

## **Education**

<i>Name and address of the school</i>	<i>Dates Attended</i>	<i>Qualifications</i>
University of Duisburg-Essen Institute for Computer Science and Business Information Systems (ICB) Data Management Systems and Knowledge Representation Schützenbahn 70 (Tower Block) D-45117 Essen, Germany Telephone: +49 201 183 3421 Fax: +49 (0)201 / 183 4460 Email: veronika.muntoni@icb.uni-due.de	Sept. 2002 – Oct. 2008	Ph.D (Software engineering)
Technical University of Brno, Faculty of Electrical engineering and computer science, Department of Computer Science and Engineering, Bozetechova 2, 612 66 Brno, Czech Republic. Phone: +420-5-41212219, + 420-5-7275111. Fax : + 420-5-41211141. http : <a href="http://www.fee.vutbr.cz">www.fee.vutbr.cz</a>	Sept. 1993 - July 1996	M.Sc. (Computer Science)
The University of Garyounis, Faculty of Science, Department of Computer Science, Benghazi, Libya.	Feb.1984 - Feb.1989	B.Sc. (Computer Science).

## **Technical Training**

- Intensive Program on Human Resource management (BMC July 2010), Benghazi Libya.
- Short program (10 days) on Creative thinking skills at Libyan International Medical University 2010.
- Intensive Leadership program (July 2012) at Dar Noon for Training and Consulting.

## **Knowledge in Computer Topics**

### ***Programming Languages***

- |                   |                     |
|-------------------|---------------------|
| 1- “C++”          | Very good Knowledge |
| 2- “Pascal ”      | Very good knowledge |
| 4- “Assembler”    | Poor knowledge      |
| 6- “Visual Basic” | Very good Knowledge |

7- “Java” Very good knowledge

### ***Operating Systems***

1. Linux very good knowledge
2. Windows Very good knowledge
3. Android Very Good knowledge
4. IOS Very Good knowledge

### ***Other knowledge***

Course management system (Moodle)

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### **Interesting Areas**

- Software agent and Multi-agent systems
- Software Testing and Quality Assurance
- Software Project management
- Software engineering
- Object-Oriented Analysis and Design
- Formal methods
- Data structures and algorithms
- Aspect-oriented programing

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### **Taught Courses**

- Computer Networks and communication
- Object-oriented analysis and design
- Software agents and Multi-agent systems
- Software Engineering
- Software Quality Assurance
- Software Project Management.
- Data Structures and Algorithms
- Compilers Construction
- Programming Languages (C++, Pascal, Java)
- Information systems
- Discrete Mathematics
- Formal Methods

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### **Publications:**

1. **Migrating Relational Databases into XML Documents**, AM Maatuk, T Abdelaziz, MA Ali, The International Arab Conference on Information Technology (ACIT'2020), 2020.
2. **Validation Framework for Aspectual Requirements Engineering, (ValFAR)**, SF Alshareef, AM Maatuk, TM Abdelaziz, M Hagal, Proceedings of the 6th International Conference on Engineering & MIS 2020, 1-7, 2020.
3. **A Comparative Study of Network Access Control and Software-Defined Perimeter**, RR Omar, TM Abdelaziz, Proceedings of the 6th International Conference on Engineering & MIS 2020, 1-5,2020.
4. **Aspect-Oriented Requirements Engineering: Approaches and Techniques**, SF Alshareef, AM Maatuk, TM Abdelaziz, Proceedings of the First International Conference on Data Science, 2018.
5. **A Novel Approach for Improving the Quality of Software Code using Reverse Engineering**, HA Elghadhafi, TM Abdelaziz, AM Maatuk, Proceedings of the Fourth International Conference on Engineering & MIS 2018, 31, 2018
6. **MINIMIZING THE COMPLEXITY EFFECTS TO MAS ARCHITECTURES DESIGN BASED ON FG4COMPLEXITY APPROACH**, HAA Elmarzaki, TM Abdelaziz, 2018.

7. **INCREASING THE ARCHITECTURES DESIGN QUALITY FOR MAS: AN APPROACH TO MINIMIZE THE EFFECTS OF COMPLEXITY**, TMA H. Elmarzaki, 7th International Conference on Software Engineering and Applications, 2018.
8. **"AN APPROACH TO IMPROVEMENT THE USABILITY IN SOFTWARE PRODUCTS"**, International Journal of Software Engineering and Applications(IJSEA), 2016, ISSN : 0975 - 9018 ( Online ); 0976 -2221 ( Print ).
9. **"Applying the ISO Standard in Assessing the Quality of Software Systems"**, American Journal of Computer Science and Information Engineering, 2015; 2(3): 28-32 Published online September 10, 2015 (<http://www.aascit.org/journal/ajcsie>)
10. **"Structured approach to Improve Software Design Reusability"**, International conference on Foundation of Computer science and Technology, CST 2014, Zurich, Switzerland, January. 2014.
11. **"Problematic Quality Of The Information In The Websites"**, International Arab Conference of e-Technology" IACe-T", Zarqa, Jordan, April-2012.
12. **"Conceptual Framework for Formalizing Multi-agent Systems"**, The 2nd International Conference on Software Engineering and Computer Systems (ICSECS2011), June, 2011.
13. **"MASD: Multi-Agent Systems Development Methodology"**, Multi-agent and Grid Systems Journal, February, 2010. ISSN 1574-1702.
14. **"To Analyze And Improve The Quality Of Requirements By An Effective Model"**, International Conference on Education and New Learning Technologies, Barcelona, Spain, 2009.
15. **"Electronic Archiving Systems: Benefits and Evaluation Metrics"**, The First Conference on Archiving and Documentation Systems, Tripoli, Libya, 2009.
16. **"A Framework for the Evaluation of Agent-oriented Methodologies"**, In: 4th International Conference on Innovations in Information Technology. Dubai, UAE 2008.
17. **"Towards a Comprehensive Multi-agent System Development Methodology"**, In: 4th International Workshop on Agents and Web Services Merging in Distributed Environments, OTM 2008 Workshops, LNCS 5333, PP. 108 – 117, 2008.
18. **"Visualizing a Multi-agent-based Medical Diagnosis System Using a Methodology Based on Use Case Maps"**, In: International Conference Multi-Agent Technologies (MATES 2004). Lecture Notes in Artificial Intelligence (LNAI); Springer Publishing Company. LNAI 3187, 2004.

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## General Information

Spoken languages:

Arabic:	Fluent.
English:	Very Good.
German:	Little knowledge

Hobbies and Sports:

Swimming, Soccer football.

Driving License:

Full, valid and clean driving license (Libyan driving license).

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## Referees

1. Prof. Dr. Rainer Unland  
 Position: Chairholder  
 Address: University of Duisburg-Essen  
 Institute for Computer Science and Business Information Systems (ICB)  
 Data Management Systems and Knowledge Representation  
 Schützenbahn 70 (Tower Block)  
 D-45117 Essen, Germany, Room: SH 509  
 Telephone: work +49-201-183-3421 Fax: +49-201-183-4460  
 Email: [rainer.unland@icb.uni-due.de](mailto:rainer.unland@icb.uni-due.de)

2. Prof. Dr. Mohamed Elammari  
Position: Professor.  
Head of Software Engineering Department, Benghazi University.  
Phone office: + 218-61-2240780 Fax: + 218-61-2240735  
E-mail: [elammari@garyounis.edu](mailto:elammari@garyounis.edu)
  
  3. Dr. Faheem Bukhatwa  
Position: Lead Lecturer  
Director of Masters and Higher Diploma programs,  
Griffith College Dublin, Ireland,  
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  4. Prof. Dr. Omar Sallabi  
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