

# **Curriculum Vitae**

Hanan Abdulwahab Yussef Siala

## **Personal Information:**

- Surname: Siala
- First name: Hanan
- Middle name: Abdulwahab yussef
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## **Qualifications:**

- MSc in Computer Science, The Libyan Academy, Tripoli-Libya.
- BSc in Computer Science, Tripoli University (previously known as Al-Fateh), Faculty of Science, Tripoli-Libya, Grade: Very good.

## Experience: Work History

1- Full-Time	
<p>29/8/2010 - Present</p>	<p>Assistant Lecturer ( 29/8/2010 - 28/7/2019 )            Lecturer ( 29/7/2019 - Present ) at:  <b>Department of E-commerce &amp; Data Analysis / Faculty of Economics &amp; Political Science / Tripoli University.</b></p> <ul style="list-style-type: none"> <li>• Teaching Programming languages, Database Administration, Introduction to Internet &amp; Networks, Computer Applications, Web Sites Design, and Fundamentals of Computer.</li> <li>• Supervising B.Sc. Students.</li> </ul>
<p>01/10/2005 - 31/8/2010</p>	<p><b>Information and Documentation Centre, Ministry of Education ( formerly the Education Secretariat )</b>  <b>Started as a Software Engineer in 2005, then as a Head of Programming Department in 2008, then as a Head of Databases and Information Department in 2009.</b></p> <ul style="list-style-type: none"> <li>• Education system database Analysis.</li> <li>• Designing and producing statistics and reports for all education levels (primary - secondary).</li> <li>• Human resources (HR) system analysis, design and programming.</li> <li>• Contribute to an HR database design and data collection for all educational institutions in Libya.</li> <li>• Contributing to the production of various HR reports.</li> <li>• Participate in follow-up committees regarding staff relocation.</li> <li>• Students System design.</li> <li>• Gave training courses on students system to staff in the Ministry of Education's information and documentation center.</li> <li>• Inventory of all statistics relating to education and create a system for it.</li> </ul>

	<ul style="list-style-type: none"> <li>• Involved in the Committee formed to study proposals regarding the comparison of the education sector's payroll system with the national pay system, and collection of statistics reported by the Office of Educational Inspection.</li> <li>• Member of the HR committee of the Education Ministry.</li> <li>• Compilation of all municipal data on HR &amp; other service offices, the Office of the Ministry, and all educational institutions into a SQL database, and produce reports &amp; statistics on the education sector for the Ministry and other bodies.</li> <li>• Member of the Committee of Personnel Information and Documentation Centre at the Ministry of Education.</li> <li>• Member of the Committee of Educational Institutions Data Revision.</li> <li>• Develop technical specifications for the systems of the education sector.</li> <li>• Contribute to the preparation of annual and quarterly reports for the Information Center at the Ministry of Education.</li> <li>• Contribute to fill the forms for UNESCO on education data.</li> <li>• Contribute to the preparation of annual statistical report for the education sector.</li> </ul>
<p><b>20/10/1994 - 01/10/2005</b></p>	<p><b>Software Engineer at: Social Security Fund, Tripoli / Libya</b></p> <ul style="list-style-type: none"> <li>• Analysis and design of systems for the Social Security Fund at The Public Administration and municipalities.</li> <li>• Create various statistics and reports related to the fund.</li> <li>• Participate in the distribution of wealth program.</li> <li>• Participate in a comprehensive survey of all types of pension (security - insurance - retired civil - retired military).</li> <li>• Analysis and design system to export all insurance</li> </ul>

	<p>premium data.</p> <ul style="list-style-type: none"> <li>• Analysis and design system to export all social security premium data.</li> <li>• Analysis and design registration system of employers, secured, and collection of security contributions.</li> <li>• Participate in the preparation of the budget system of social security.</li> <li>• Design and programming software to transfer data from mainframe to PC.</li> <li>• Design and programming software Statistics actuarial study of the Fund.</li> </ul>
3/2/1994	Nominated for the position of Teaching Assistant at Department of Computer / Faculty of Science, Tripoli University.
21/12/1993 - 20/10/1994	<p><b>Software Engineer at:</b> <b>National Center for Educational Research and Training</b></p> <ul style="list-style-type: none"> <li>• Analysis and design of an education system for all types of education (primary - secondary - high - training and development).</li> <li>• Produce various statistics and reports.</li> </ul>

<b>2- Part-Time</b>	
<b>2008 - 2010</b>	<p><b>Part-time Assistant Lecturer at:</b>  <b>Higher Institute for the medical profession / Department of Medical Information Technology / Thorns Street / Tripoli - Libya.</b></p> <ul style="list-style-type: none"> <li>• Teaching Introduction to computer, Computer Applications.</li> <li>• Supervising B.Sc. Students.</li> </ul> <p><b>Department of Computer / Teachers Training College / Tripoli University / Souq al-Jum`aa – Tripoli - Libya.</b></p> <ul style="list-style-type: none"> <li>• Teaching Object-oriented Programming (JAVA).</li> </ul> <p><b>Department of E-commerce &amp; Data Analysis / Faculty of Economics &amp; Political Science / Tripoli University.</b></p> <ul style="list-style-type: none"> <li>• Teaching Programming languages, Database programming, Introduction to Internet &amp; Networks, Computer Applications, Fundamentals of Computer.</li> <li>• Supervising B.Sc. Students.</li> <li>• Develop a system for electronic exams for students.</li> </ul>
<b>2003 - 2006</b>	<p><b>Part-time Software Engineer at:</b>  <b>National Center for Quality and Informatics</b>  Systems design, including:</p> <ul style="list-style-type: none"> <li>• Reservation system for the Arab Maghreb village.</li> <li>• Reservation System for the Tunisian airline.</li> </ul>

## **Certificates & Courses:**

- Certificate in General English Intensive Course with IELTS Exam Preparation at Manchester International College, Manchester, 2014.
- Course in Microsoft SQL 2008 - Implementation and Maintenance, held at SAYAR Co. (Information Technology & Engineering Services), 2010. [www.sayar.com.ly](http://www.sayar.com.ly).
- Course in MCITP (Windows server 2008) Microsoft IT Professional, held at SAYAR Co. (Information Technology & Engineering Services), 2010. [www.sayar.com.ly](http://www.sayar.com.ly).
- Certificate in Microsoft SQL 2005 - Implementation and Maintenance, 2009.
- Certificate in Microsoft .NET Framework - Application Development Foundation, 2009.
- Certificate in Microsoft .NET Framework 3.5, ASP.NET Application Development, 2009.
- Certificate in Project Management in Arab Federation For Technical Education (AFTE) (21/6/2010-08/07/2010).
- Certificate in Programming in Delphi environment (2) held at The General Company for electrons, Tripoli (3/4/2000-8/5/2000).
- Certificate in Web pages Design held at The General Company for electrons, Tripoli (20/3/2000-1/4/2000).
- Certificate in Programming in Delphi environment (1) held at The General Company for electrons, Tripoli (30/11/1999-11/12/1999).

## **Skills & Professions:**

- High level of programming ability in variety of languages including Visual FoxPro, Java, C++, Pascal, Fortran, HTML, Visual Basic, C#, and SQL.
- Good experience in Object-Oriented analysis and design method (UML).

## **Publications:**

- Published a research paper in the Libyan Information and Communication Journal entitled: "Transformation of Object-Oriented Source Code to UML Models", 2007.
- Published a research paper entitled: "Transformation of Requirements in Arabic to UML Diagram", in the fourth Scientific Conference of Bright star University of Brega, Entitled Engineering Management and its Role in Improving Institutional Performance Under the slogan (Building Libya), held in the period from 12-13 December 2018.  
<[fcm.bsue.edu.ly/FCEMBook.aspx](http://fcm.bsue.edu.ly/FCEMBook.aspx)>

## **Spoken Languages:**

- Arabic: Reading, Speaking, Listening and Writing.
- English: Reading, Speaking, Listening and Writing: Advanced Level.