

Khaled Al-Sham'aa
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Education:

- B. Sc. In Electrical & Electronics Engineering-Computer Engineering, Aleppo University 1998.
- Diploma in the Automation & Industrial Electronics, Aleppo University 2000.
- Diploma in Computer Engineering, Aleppo University 2005.
- Master in "Using Hidden Markov Models finding gene in DNA sequences", Aleppo University (under graduated).

Technical Skills:

Language: Perl, Visual Basic, VBA, Prolog, R-Language.

Database: MySQL, Microsoft Access.

Tools: Macromedia Dreamweaver, Adobe Photoshop, CVS, ADO, GenStat, BioPerl, CakePHP, Prototype, Google Gears.

Internet: AJAX, HTML/DHTML, CGI, PHP, ASP, JavaScript, CSS, Apache and IIS web server.

Operating Systems: Windows (9x, NT, W2K, XP), Linux.

Work Experience:

- International Center for Agricultural Research in the Dry Area www.icarda.cgiar.org (ICARDA), Aleppo, Syria, Scientific Analyst/Programmer, Aug 2002 - Present.
 - » Develop several dynamic websites for international partners. Those websites includes: [Water Benchmarks of CWANA](#) website, website for ([RALF](#)), [Professionals for Iraq Reconstruction Registry](#) website for ([ESCWA](#)), [Sabkhat Al-Jabbul](#) website, and TPN-4 website for ([UNCCD](#)).
 - » Develop "On-Farm Water Use Efficiency" application using Excel & VBA, in addition to write user manual and present it in a Workshop organized by ESCWA in Beirut, Lebanon during in 2003.
 - » Develop ICARDA BioComputing service, which provides access to the power of GenStat (Statistical package) in a web platform, and present it in a several courses inside and outside Syria.
 - » Develop web based sequence converter (to convert between the major genetic sequences formats). Development was performed on W2K Servers using Perl language and BioPerl utility.
 - » Provide technical support to ICARDA Intranet (auto check for broken links, analysis log file, and authentication layer built on Windows login system, currency converter on Oracle database).
- Business Optimization Consultants (B.O.C) bocme.com, Aleppo, Syria, Website security specialist, Dec 2004 – Aug 2005.
 - » I am responsible to take care about websites security issues in addition to increase the efficiency of the development environment (implement CVS system, set a procedures and standards).
- Ray publishing and science www.raypub.net, Aleppo, Syria, as a supervisor/editor in web technologies section, Aug 2003 – Jul 2006.
- Maktoob maktoob.com, Amman, Jordan, Software Engineer/Programmer, part time job September 2002 – February 2003.
 - » CashU shopping system, enable users to buy books from (amazon.com) by CashU cards (cashucard.com). I used socket technology in addition to shopping cart connected to the CashU server API. Development was performed on Red Hat Server using MySQL database, Perl language.

- Business Optimization Consultants (B.O.C) bocme.com, Aleppo, Syria, senior web developer, Feb 2000 – Jul 2002.
 - » Programming Team Leader effort to develop the first Arabic/English Auction site on the web (MazadMaktoob.com), Development was performed on LAMP (Perl) environment.
 - » Programming Team Leader effort to develop Waseet newsletter web site (ewaseet.com).
- Syriamica (syriamica.com), Aleppo, Syria, Software Engineer / Programmer May 1999 – Jan 2000.
 - » Design and develop Time Accounting Management and Payroll Application works directly with barcode machine. I used Visual Basic 6.0, SQL-Server, ADO 2.1, and Crystal Reports 6.0.

Lectures, seminars and presentations:

- I delivered [workshop on CVS](#) in the Aleppo branch of Syrian Computer Society in Feb 28, 2008.
- I presented seminar titled "PHP and Arabic Language" in the Second Syrian Conference on Free/Libre and Open Source Software [SCFLOSS'02](#) in Nov 21-22, 2007.
- I presented seminar titled "Convert standalone computer software into web applications" in the ninth symposium on "Information systems" under auspicious of [SCS](#) in Nov 27-29, 2004.
- I gave a lecture on E-Commerce in Talkala (Homs) culture center in Sep 19, 2004.

Publications:

- PHP and Arabic language, an open source project in service of E-Government applications - Informatics magazine, issue 21, November 2007, pages 56-59.
- Statistics and Arabic Language - Informatics magazine, issue 25, March 2008, pages 42-45.
- CVS client tool - Informatics magazine, issue 26, April 2008, pages 30-33.
- Seven technical books (PHP, HTML, and JSP):
 - http://www.raypub.com/catalog/book_info.php?products_id=704
 - http://www.raypub.com/catalog/book_info.php?products_id=703
 - http://www.raypub.com/catalog/book_info.php?products_id=678
 - http://www.raypub.com/catalog/book_info.php?products_id=490
 - http://www.raypub.com/catalog/book_info.php?products_id=463
 - http://www.raypub.com/catalog/book_info.php?products_id=459
 - http://www.raypub.com/catalog/book_info.php?products_id=416

Open Source:

- Author of PHP and Arabic language project: <http://www.ar-php.com> & <http://www.ar-php.org>
- Author of more than 20 PHP classes that has been published at phpclasses.org website: <http://www.phpclasses.org/browse/author/189864.html>
- Author of Rama CMS: <http://www.hotscripts.com/Detailed/48318.html>.
- Author of Arabic translation of ADOdb library: http://sourceforge.net/project/shownotes.php?release_id=280432

Workshops and conferences:

- Participated Utilization of Intelligent Systems for Plant Protection workshop. Aleppo, 6-7 March 2006
- Participated ICT-KM workshop on interoperability and web services. Rome, 13-17 June 2005.
- Participated Free & Open Source Software workshop. Damascus, 2-4 March 2005.
- Planning and implementing workshop on Agriculture Statistics and Experimental Design. Aleppo, 5-10 February 2005 (I a get certificate of appreciation from university of HAWAII).
- Participated Joint ESCWA-ICARDA workshop on Capacity-building in On-Farm Water-Use Efficiency. Beirut, 13-15 October 2003.
- Participated in the 2nd Int. Al-Shaam Conference on IT. Damascus, 26-29 April, 1999.

Courses I Participate:

- Red Hat Linux Essentials (RH-033) and Red Hat Linux System Administration (RH-133), 30 Aug – Sep 4 2008.
- University of Oxford's "Perl Programming for Bioinformatics" online course, 2 Oct – 10 Nov 2006: http://www.conted.ox.ac.uk/cpd/biosciences/courses/online_courses/perl_programming.asp
- Brainbench certificates in PHP 4, HTML 4.0 and 3.2, JavaScript, SQL (ANSI) Fundamentals, Web Design Concepts, E-Commerce Concepts, Dreamweaver MX, etc. For more information you can check here: <http://www.brainbench.com/xml/bb/transcript/public/viewtranscript.xml?pid=2558431>
- Participated in a training course in Utilization of Expert Systems in Agriculture Research and Production from Oct 4, 2004 to Oct 14, 2004.
- Oracle JDeveloper Track in ITCC center who was approved to be Cisco Local Academy as well as Oracle Authorized Education Partner, Amman April 4, 2004 – April 8, 2004.
- Participate in two English courses in the British Council teaching center – Syria.

Professional memberships: Member of Syrian Computer Society (www.scs-net.org) since 1996.

Languages: English and Arabic.

Visited countries: Syria, Lebanon, Jordan, Egypt, Iran, Kuwait, Eritrea, Italy, Algeria, Tunisia, and Libya.

Personal Data: **Nationality:** Syrian. **Date of birth:** 2 Aug 1975
Place of birth: Kuwait. **Marital status:** Married.
Driving license: Full, clean **Interests:** F1, billiards, reading.

I am working in a multi-cultural, multi-ethnic environment with sensitivity and respect for diversity.

References available on request.