



ADDRESS

3705 W Pico Blvd #1712  
Los Angeles, CA 90019  
USA



ABOUT ME

Thinker, Researcher, Solution Selective. I like to improve the current systems by adding features or create new ones with a proof of concept or a verification for software.



SKILLS

Software Design Life Cycle



Software Design and Development



Teamwork



Creativity



Graphics Design



3D MAX



Teaching



Research, Lecturing, and Presentation



Networking



System Administration



Programing



Solution Developer- Software Engineer

Computer Science Lecturer

# Mohammad Alkahtani

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WORK Feb 2019 **Lecturer**

○ Sep 2014 *Majmmah University*

- The evidence of working in this institution  
[http://malkahtani.com/CV/Work\\_Ev/salary\\_MU.pdf](http://malkahtani.com/CV/Work_Ev/salary_MU.pdf)
- Lecturing courses such as Programming with COBOL(CSC 306), Fundamental of Database (IS 231) with the following of the best practice and the accreditation rules. Example:  
[http://malkahtani.com/CV/University\\_Work\\_Samples/Follow\\_accreditatio\\_n\\_Standard\\_MU.pdf](http://malkahtani.com/CV/University_Work_Samples/Follow_accreditatio_n_Standard_MU.pdf)
- Working as teaching assistance for courses such as Calculus 1(MATH 112), Linear Algebra (MATH 107), Human Computer Interactions(IT 331), Systems Analysis and Design(IS 241).
- Assisting the Vice Dean of Academic Research by organizing the work of the research unit.
- Review the some courses teaching materials adhering to the accreditation and quality department rules, example:  
[http://malkahtani.com/CV/University\\_Work\\_Samples/CS\\_Review\\_courses\\_2018-2.pdf](http://malkahtani.com/CV/University_Work_Samples/CS_Review_courses_2018-2.pdf) the reviewed course  
[http://malkahtani.com/CV/University\\_Work\\_Samples/CS120.zip](http://malkahtani.com/CV/University_Work_Samples/CS120.zip)
- Managing the unit of the academies with IT companies; for example: **Microsoft**  
[http://malkahtani.com/CV/University\\_Work\\_Samples/ACAD-01-00.pdf](http://malkahtani.com/CV/University_Work_Samples/ACAD-01-00.pdf) ,  
[http://malkahtani.com/CV/University\\_Work\\_Samples/ACAD-01-01.pdf](http://malkahtani.com/CV/University_Work_Samples/ACAD-01-01.pdf) ,  
Arabic version for students  
[http://malkahtani.com/CV/University\\_Work\\_Samples/ACAD-01-02.pdf](http://malkahtani.com/CV/University_Work_Samples/ACAD-01-02.pdf)  
**Oracle** [http://malkahtani.com/CV/University\\_Work\\_Samples/ACAD-02-00.pdf](http://malkahtani.com/CV/University_Work_Samples/ACAD-02-00.pdf) , [http://malkahtani.com/CV/University\\_Work\\_Samples/ACAD-02-01.pdf](http://malkahtani.com/CV/University_Work_Samples/ACAD-02-01.pdf) , Arabic version for students  
[http://malkahtani.com/CV/University\\_Work\\_Samples/ACAD-02-02.pdf](http://malkahtani.com/CV/University_Work_Samples/ACAD-02-02.pdf)  
**IBM** [http://malkahtani.com/CV/University\\_Work\\_Samples/ACAD-03-00.pdf](http://malkahtani.com/CV/University_Work_Samples/ACAD-03-00.pdf)  
**SAP** [http://malkahtani.com/CV/University\\_Work\\_Samples/ACAD-04-00.pdf](http://malkahtani.com/CV/University_Work_Samples/ACAD-04-00.pdf)  
**EMC** [http://malkahtani.com/CV/University\\_Work\\_Samples/ACAD-05-00.pdf](http://malkahtani.com/CV/University_Work_Samples/ACAD-05-00.pdf)
- Managing the online examination center **Certiport**  
[http://malkahtani.com/CV/University\\_Work\\_Samples/EXAM-01-01-00.pdf](http://malkahtani.com/CV/University_Work_Samples/EXAM-01-01-00.pdf)  
[http://malkahtani.com/CV/University\\_Work\\_Samples/EXAM-01-02-00.pdf](http://malkahtani.com/CV/University_Work_Samples/EXAM-01-02-00.pdf)  
[http://malkahtani.com/CV/University\\_Work\\_Samples/EXAM-01-03-02.pdf](http://malkahtani.com/CV/University_Work_Samples/EXAM-01-03-02.pdf)  
Arabic version for students  
[http://malkahtani.com/CV/University\\_Work\\_Samples/EXAM-01-03-01.pdf](http://malkahtani.com/CV/University_Work_Samples/EXAM-01-03-01.pdf)
- Presenting and explaining the academies' content, there importance in teaching institutions without research groups and centers to executives, faculties members, computer laboratories instructors, and students.  
[http://malkahtani.com/CV/University\\_Work\\_Samples/Academies.ppsx](http://malkahtani.com/CV/University_Work_Samples/Academies.ppsx)

Web Development



Backend Applications Development



Mobile Applications Development



Secure Applications Development



Design Patterns



Relational Database Design



Database Administration



Algorithms



Data Structure



Security



Cloud Computing



Big Data



Computer Graphics



Artificial Intelligent



Data Mining



Computer Hardware



Digital Electronic using VHDL



Embedded Systems



Real Time Systems



SOA using SOAP



SOA using REST (JAX-RS)



Aug 2014 **System Developer**

May 2010 *International Systems Engineering (a BAE System subsidiary company)*

- The evidence of working in this institution  
<http://malkahtani.com/ISE.pdf>  
[http://malkahtani.com/CV/Work\\_Ev/Experince\\_Certificate\\_Stamped.pdf](http://malkahtani.com/CV/Work_Ev/Experince_Certificate_Stamped.pdf)  
[http://malkahtani.com/CV/Work\\_Ev/ISE\\_Contract\\_Change.pdf](http://malkahtani.com/CV/Work_Ev/ISE_Contract_Change.pdf)
- Develop Applications in C#, ASP.NET, and JAVA samples  
<http://malkahtani.com/CV/Code/Proj.zip>
- Administrate Linux CentOS for the data center, a server that use Cacti <https://www.cacti.net/>
- Administrate Tomcat Application server with Apache Web Server (clustered) for ITSM from topdesk  
[https://www.topdesk.com/us/itsm/?utm\\_expid=.ZCjG6HY3SFu6VYExHwprtA.0&utm\\_referrer=https%3A%2F%2Fwww.topdesk.com%2Fen%2Ffeatures%2F](https://www.topdesk.com/us/itsm/?utm_expid=.ZCjG6HY3SFu6VYExHwprtA.0&utm_referrer=https%3A%2F%2Fwww.topdesk.com%2Fen%2Ffeatures%2F)
- Administrate clustered MSSQL server in VMWare virtualized environment in the data center.
- Administrate and customize MS SharePoint Server as a portal for the company.
- Initiate the code sharing between team member using Team Foundation Server by installing the server and administrate it.
- Writing and reviewing IT design documents for customer project including not limited to software licenses, spare parts stocking, Processes designing and management and technical proposals.
- <https://github.com/malkahtani/collections>



#### EDUCATION

Feb 2014 **MSc in Computer Science**

Sep 2010 *King Saud University*

The MSc Parchment or Diploma

[http://malkahtani.com/CV/MSc/MSc\\_certificate.pdf](http://malkahtani.com/CV/MSc/MSc_certificate.pdf)

The Transcript [http://malkahtani.com/CV/MSc/MSc\\_Transcript.PDF](http://malkahtani.com/CV/MSc/MSc_Transcript.PDF)

The US reparation of the Saudi intitule transcript

[http://malkahtani.com/CV/MSc/GPA\\_Calculator.pdf](http://malkahtani.com/CV/MSc/GPA_Calculator.pdf)

- Computer Science foundation courses: Advanved Algorithm, Advanced Database System, Advance Software Engineering, Networking.
- Big Data and Securiry.
- TCP/IP and Wireless Network Sensors.
- Graphics library such as OpenGL

Code example

Brute Force to find encrypted message with the knowledge of part of it. <http://malkahtani.com/CV/MSc/Python.zip>

Using Public/Private cryptophytic to read/write files

The file <http://malkahtani.com/CV/MSc/security.png>

The given certificate <http://malkahtani.com/CV/MSc/MyCert.cer>

The developer has to create his own certificate and this is the code to read/write and use either Windows Certificate Manager or Java Certificate Store.

<http://malkahtani.com/CV/MSc/Certificat.zip>

IT Infrastructure Architecture

Mathematics

Statistics

Human Computer Interaction

Processes Design

Technical Writing

Regular Expressions

Scripting Languages

Operating Systems

Systems Testing

Systems Verifications

Shell Scripting

Markup Languages

Technical Support

Office Processing Software

LMS (BlackBoard) (D2L) (Moodle)

MatLab

Mathematica

SciLab

Graphical Programming (LabView)

Paper Sample <http://malkahtani.com/CV/MSc/CSC519.pdf>

Project design sample <http://malkahtani.com/CV/MSc/Project.pdf>

Research Methods example

[http://malkahtani.com/CV/MSc/CD\\_595.zip](http://malkahtani.com/CV/MSc/CD_595.zip)

Group project- Protein viewer following the data format in this link

[ftp://ftp.wwpdb.org/pub/pdb/doc/format\\_descriptions/Format\\_v32\\_1\\_etter.pdf](ftp://ftp.wwpdb.org/pub/pdb/doc/format_descriptions/Format_v32_1_etter.pdf) my part was the data structure and the main function of

reading data. <http://malkahtani.com/CV/MSc/proteinview.rar>

A try of Mobile App development

<https://github.com/malkahtani/PhoneAPI>

<http://malkahtani.com/CV/MSc/WeatherViewer.zip>

New routing idea for interconnection networks

[http://malkahtani.com/CV/MSc/Embedding\\_in\\_Interconnection\\_networks.pptx](http://malkahtani.com/CV/MSc/Embedding_in_Interconnection_networks.pptx)

○ Jul 2007 **BEng Honor in Microcomputer Systems Engineering**  
Sep 2004 *The University of Glasgow*

The BEng Parchment or Diploma

[http://malkahtani.com/CV/BEng/New\\_Beng\\_Parchment.pdf](http://malkahtani.com/CV/BEng/New_Beng_Parchment.pdf)

The BEng Parchment or Diploma that was destroyed by the sponsor because any writing or was punched might consider an alteration to official or legal documents

[http://malkahtani.com/CV/BEng/BENG\\_Parchment.pdf](http://malkahtani.com/CV/BEng/BENG_Parchment.pdf)

The accreditation from the sponsor

[http://malkahtani.com/CV/BEng/BEng\\_sponsor\\_accreditation.pdf](http://malkahtani.com/CV/BEng/BEng_sponsor_accreditation.pdf)

The Transcript

[http://malkahtani.com/CV/BEng/New\\_BEng\\_Transcript.pdf](http://malkahtani.com/CV/BEng/New_BEng_Transcript.pdf)

The BEng Transcript that was destroyed by the sponsor because any writing or was punched might consider an alteration to official or legal documents

<http://malkahtani.com/CV/BEng/BTranscript.pdf>

- Electrical and Electronic Engineering foundation courses such as Circuits Theory, Digital Electronics, Digital to Analog converters, Microcontrollers and Robotics, Semiconductors Fabrication, Transistors and Op-Amps.
- Computer Science courses such as Data Structure and algorithm, Software Engineering, Operating Systems, Advance Programming.
- Mathematics and Engineering courses such as carrier skills and Engineering Projects (Team and individual).



## CERTIFICATES

- Sep 2016 Microsoft® Certified Solutions Associate: Web Applications (Charter)\*  
Certification Number: F810-1737 September 26, 2016  
<http://malkahtani.com/CV/Cert/Microsoft/MCSA.pdf>  
I earned this certificate because the Microsoft Certified Solutions Developer: Web Applications certificate that I received on April 29, 2014 expired and Microsoft technology was updated and many new certificates with different titles and requirements were introduced.
- Apr 2014 Microsoft® Certified Solutions Developer: Web Applications (Inactive) Certification Number: G091-7208 April 29, 2014  
<http://malkahtani.com/CV/Cert/Microsoft/MCSD.pdf>  
To earn this certificate you have to pass three exams  
EXAM 70-487 Developing Microsoft Azure and Web Services  
EXAM 70-486 Developing ASP.NET MVC Web Applications  
EXAM 70-480 Programming in HTML5 with JavaScript and CSS3
- Jan 2013 Microsoft® Certified Professional: Microsoft Certified Professional  
Certification Number: E141-2448 January 23, 2013  
<http://malkahtani.com/CV/Cert/Microsoft/MCP.pdf>  
To earn this certificate, you must pass one exam EXAM 70-480 Programming in HTML5 with JavaScript and CSS3
- Jan 2013 Microsoft® Specialist: Programming in HTML5 with JavaScript and CSS3  
Certification Number: E141-2443 January 23, 2013  
To earn this certificate you must pass one exam EXAM 70-480 Programming in HTML5 with JavaScript and CSS3  
[http://malkahtani.com/CV/Cert/Microsoft/MS-HTML5\\_And\\_JavaScript.pdf](http://malkahtani.com/CV/Cert/Microsoft/MS-HTML5_And_JavaScript.pdf)
- Apr 2014  
Jan 2013
  - Developing Microsoft Azure and Web Services April 29, 2014
  - Developing ASP.NET MVC Web Applications April 28, 2014
  - Programming in HTML5 with JavaScript and CSS3 January 23, 2013
- Oct 2012 Certified ScrumMaster  
Certificate Number: 000216649 October 1st 2012  
[http://malkahtani.com/CV/Cert/ScrumAlliance\\_CSM\\_Certificate.pdf](http://malkahtani.com/CV/Cert/ScrumAlliance_CSM_Certificate.pdf)
- Oct 2012 ITIL® Foundation Examination  
Certificate Number: GR750020086MA 18 Feb 2012  
[http://malkahtani.com/CV/Cert/ITIL\\_e-Cert.pdf](http://malkahtani.com/CV/Cert/ITIL_e-Cert.pdf)
- Jul 2008 Oracle Database SQL Certified Expert July 2, 2008  
[http://malkahtani.com/CV/Cert/Oracle\\_Database\\_SQL\\_Certified\\_Expert.pdf](http://malkahtani.com/CV/Cert/Oracle_Database_SQL_Certified_Expert.pdf)



## TRAINING WITH EXAMS

- Feb 2016 Title IX [University of Southern California – Graduate Training (Think about it) 2/27/2016  
[http://malkahtani.com/CV/Training\\_with\\_Exams/TitleIX.pdf](http://malkahtani.com/CV/Training_with_Exams/TitleIX.pdf)
- Mar 2012 SALME [Security Awareness Program to allow you use the university resources when studying MSc]  
[http://malkahtani.com/CV/Training\\_with\\_Exams/SALEM.pdf](http://malkahtani.com/CV/Training_with_Exams/SALEM.pdf)
- Nov 2013 • 3D MAX  
Dec 2013 [http://malkahtani.com/CV/Training\\_with\\_Exams/3d\\_Max.pdf](http://malkahtani.com/CV/Training_with_Exams/3d_Max.pdf)
- AutoCAD  
[http://malkahtani.com/CV/Training\\_with\\_Exams/AutoCAD.pdf](http://malkahtani.com/CV/Training_with_Exams/AutoCAD.pdf)
- GIS  
[http://malkahtani.com/CV/Training\\_with\\_Exams/GIS.pdf](http://malkahtani.com/CV/Training_with_Exams/GIS.pdf)
- Photoshop  
[http://malkahtani.com/CV/Training\\_with\\_Exams/Photoshop.pdf](http://malkahtani.com/CV/Training_with_Exams/Photoshop.pdf)



## TRAINING

- Apr 2013 SharePoint  
<http://malkahtani.com/CV/Training/SharePoint.pdf>
- JUL 2011 Project Management Professional (PMP)  
<http://malkahtani.com/PMP.pdf>
- Mar 2011 QPR Scorecard Designer Training Course & QPR ProcessGuide Designer Training Course  
<http://malkahtani.com/CV/Training/QPR.pdf>
- Apr 2009 Oracle Developer  
Jun 2009 [http://malkahtani.com/CV/Training/Oracle\\_Developer\\_Training.pdf](http://malkahtani.com/CV/Training/Oracle_Developer_Training.pdf)
- Jun 2009 CCNA  
[http://malkahtani.com/CV/Training/CCNA\\_Training.pdf](http://malkahtani.com/CV/Training/CCNA_Training.pdf)



## ENGLISH PROFICIENCY TESTS

- Oct 2016 International English Language Testing System (IETLTS) 10/8/2016 Total Score: 7  
<http://malkahtani.com/CV/Lang/IELTS.pdf>
- May 2016 Test of English as a Foreign Language - Internet-based test (TOEFL iBT) 5/21/2016 Total Score: 95  
<http://malkahtani.com/CV/Lang/TOEFL.pdf>



## WORK AUTHORIZATION

- Saudi Arabia – Authorized as citizen.
- USA – Not granted.
- Middle East – Authorized to work in some countries that allow Saudi to work.
- Worldwide – Authorization is needed.



## OPEN SOURCE SOFTWARE

Trusted Store Objects [Signing Object with Hash Function];  
better implementation using hashtable instead of vectors  
<http://malkahtani.com/CV/fairexchange.jpg>  
<http://malkahtani.com/CV/TrustedObjectStore.zip>