

# Vita - Ahmad A. Alhamed, Ph.D.

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## GENERAL INFORMATION

**Name:** Ahamd A. I. Alhamed

**Title:** Assistant Professor,  
Department of Information Systems,  
College of Computer and Information Sciences

**Organization:** King Saud University

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**Nationality:** Citizen of Saudi Arabia

## CURRENT (AND RECENT) PROFESSIONAL EMPLOYMENT AND ACTIVITIES

- 10/2010 – Present      Department of Information Systems, College of Computer and Information Sciences, King Saud University  
**Assistant Professor**
- 8/2009 – Present      Custodian of the Two Holy Mosques Abdullah bin Abdulaziz International Award for Translation ([www.translationaward.org](http://www.translationaward.org))  
**Member, Scientific Committee**  
**Coordinator, branch of Engineering and Natural Sciences**
- 3/2016 – 6/2017      Ministry of Labor and Social Development  
**Consultant of the Minister of Labor and Social Development**
- 1/2013 – 3/2016      King Saud University, the university colleges at AlMuzahmiah branch  
**Director, College of Computer and Information Sciences.**  
**Member, Establishment team of the university colleges for King Saud University at AlMuzahmia branch.**  

In the beginning of 2013, KSU decided to establish new branch in the city of AlMuzahmia. The branch have 3 colleges (Computer and Information Sciences, Engineering, Business Administration). I was appointed as the Director of the College of Computer and Information Sciences.

Responsibilities & Achievements:

  - Supervising all activities related to establishing the college (study plans development, academic faculty recruitment, staff recruitment, IT, labs, ... etc.)
  - Head the committees that developed the study plans of the 2 academic programs that offered by the college (Applied Computer Science, Applied Information Systems).
  - Supervising all activities related to IT during the establishment of the branch.
  - Managing the college of Computer and Information Sciences during this period. Number of students grew up from 0 to over 200 students.
  - Participating in different activities related to the branch.
- 9/2013 – 9/2015      Ministry of Higher Education: **Consultant of the Deputy Minister for Planning and Information.**

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## EDUCATION

- 1/1997 – 12/2000 University of Oklahoma, Norman, Oklahoma, USA  
**Ph.D. / Computer Science**  
*Thesis: Clustering Methodologies Applied To Short-Term Ensemble Forecasting: An Exercise in Data Mining.*  
A joint research project between the University of Oklahoma and the Storm Prediction Center (SPC) at the National Severe Storm Laboratory (NSSL), Norman, Oklahoma, USA.
- 1/1995 – 12/1996 Ball State University, Muncie, Indiana, USA  
**M.S. / Computer Science ( GPA 4.0 out of 4.0 )**
- 2/1994 – 12/1994 Western Illinois University, Macomb, Illinois, USA  
**Intensive English Program**
- 8/1987 – 2/1992 King Saud University, Riyadh, Saudi Arabia  
**B. of Ed. / Computer Science ( GPA 3.77 out of 5.0 )**

## INDUSTRY CERTIFICATIONS

- 1/2013 **SAP Certified – Associate Business Foundation & Integration with SAP ERP.**
- 11/2002 **CCNA – Cisco Certified Network Associate.**
- 11/2002 **CCAI – Cisco Certified Academy Instructor.**

## PREVIOUS WORK EXPERIENCE

- 4/2009 – 9/2010 Technical and Vocational Training Corporation (TVTC), Saudi Arabia  
**Head, Technical and Vocational Training Council in Riyadh Region**
- 5/2005 – 5/2009 College of Telecom & Information, Riyadh, Saudi Arabia  
**College Dean**
- 1/2008 – 4/2009 Technical and Vocational Training Corporation (TVTC), Saudi Arabia  
**Chairman, Technical and Vocational Training Council in Riyadh**
- 11/2005 – 1/2008 Technical and Vocational Training Corporation (TVTC), Saudi Arabia  
**Vice chairman, Technical and Vocational Training Council in Riyadh. Member of the council since 11/2004**
- 5/2005 – 5/2009 General Organization for Technical Education and Vocational Training (GOTEVOT), Saudi Arabia  
**Director General - Super Regional Cisco Networking Academy**
- 2/2004 – 5/2005 College of Telecom & Information, Riyadh, Saudi Arabia  
**Vice Dean for Education and Training**
- 8/2001 – 2/2004 College of Telecom & Information, Riyadh, Saudi Arabia  
**Director of the Computer & Information Department**
- 4/2001 – 5/2005 College of Telecom & Information, Riyadh, Saudi Arabia  
**Manager of the Regional Cisco Networking Academy**

This regional academy is a “non-profit” cooperative partnership between the General Organization for Technical Education and Vocational Training (GOTEVOT) represented by the College of Telecom & Information and Cisco System, Inc. established in May 2000. This Regional Academy functions as a training- currently, on CCNA, IT Essential, Cabling, Unix, and Java curriculums - and support center for Local Academies and passes down the instructional and program quality standards set by Cisco and the Cisco Academy Training Center, CATC (The University of Central England, Birmingham). At the mean time, this regional academy supervises 14 local academies including the local academy at the College of Telecom & Information. The local academies - technical colleges and training institutes - teach individuals the supported curriculums. For more information on this academy, please visit <http://cisco.netacad.net> and <http://www.cti.edu.sa/cisco.htm> .

Achievements: Since April 2001 to present, the following has been achieved:

- Help establish and run the academy at the College of Telecom and Information.
- The number of the local academy increased form 4 to 14.

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- The number of enrolled student increased form 0 to over 800 per semester, and total number of students trained increased form 0 to over 4000.
  - The number of certified instructors increased form 0 to 35 in the college and over 100 in the local academies.
  - The laboratories and training equipments enhanced from small lab with 2 routers and 2 hubs to 6 well designed labs equipped with the latest routers, switches and other cabling tools.
  - The number of students obtained CCNA certificates increased from 0 to 170.
- 3/2001 – 8/2002 College of Telecom & Information, Riyadh, Saudi Arabia  
**Computer Center Director**  
Responsibilities: Supervising, maintaining, and developing the college network which consists of over 1000 users, over 150 PCs (Windows 2000 Pro & Windows 98), and 4 servers (Windows 2000 Advance Server – PDC, home directory and web server, Linux based email server, Windows NT based Oracle server). In addition, it provides help desk and technical support to the staff and students.
- 3/2001 – 9/2010 College of Telecom & Information, Riyadh, Saudi Arabia  
**Assistant Professor - Computer Science**
- 4/1994 – 12/2000 on scholarship from the General Organization for Technical Education and Vocational Training (GOTEVOT) to study Master and Ph.D. in computer science in the USA.
- 1/1992 – 9/1992 Buraidah Technical College, Buraidah, Saudi Arabia  
**TA, Computer Science**

## AWARDS

- 9/2009 40<sup>th</sup> WorldSkills Competition (WorldSkills International [www.worldskills.org](http://www.worldskills.org)), Calgary, Canada  
**Appreciation medal from the WorldSkills International Organization for participation as Jury President during the 40<sup>th</sup> competition.**
- 6/2009 Arabic Symposium “Arab plan for the implementation of the Arab Decade for Persons with Disabilities and the International Convention on the Rights of Persons with disabilities”, Riyadh, Saudi Arabia  
**Appreciation certificate from HE Minister of Social Affairs and the Director of the Technical Secretariat of the Council of Arab Social Affairs Ministers for the effective participation in the symposium.**
- 4/2007 National Competition for Computer Cleverness (NCCC)  
**Appreciation certificate from HRH Prince Satam Bin Abdulaziz for co-founding and arranging the competition in its third round.**
- 5/2004 National Competition for Computer Cleverness (NCCC)  
**Appreciation certificate from HRH Prince Satam Bin Abdulaziz for co-founding and arranging the competition.**
- 1997 HRH Prince Bandar Bin Sultan – Ambassador of Saudi Arabia to the USA  
**HRH Prince Bandar Bin Sultan’s Award for Academic Excellence**
- 1997 Saudi Cultural Mission to the USA, Washington DC, USA  
**Cultural Mission’s Honor for Academic Excellence**
- 12/1996 Ball State University, Muncie, Indiana, USA  
**Graduate School Dean’s Citation for Academic Excellence.**

## PROFESSIONAL ACTIVITIES

- 8/2013 – Present King Saud University College of Computer and Information Sciences, AlMuzahmiah branch:  
**Chair of the committee for developing the study plan for the Bachelor program of Applied Computer Science**
- 8/2013 – Present King Saud University College of Computer and Information Sciences, AlMuzahmiah branch:  
**Chair of the committee for developing the study plan for the Bachelor program of Applied Information Systems**
- 9/2009 40<sup>th</sup> WorldSkills Competition ([www.worldskills.org](http://www.worldskills.org)), Calgary, Canada

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## **Jury President**

- 8/2009 – Present Custodian of the Two Holy Mosques Abdullah bin Abdulaziz International Award for Translation ([www.translationaward.org](http://www.translationaward.org))

## **Member, Scientific Committee**

- 6/2008 – 9/2010 WorldSkills International ([www.worldskills.org](http://www.worldskills.org))

## **Technical Delegate of Saudi Arabia,**

## **Member, Technical Committee of the WorldSkills International**

- 6/2008 – 9/2010 GCCSkills (Gulf Countries Council Skills Competition)

## **Member, GCCSkills Commission**

- 2/2008 – Present SaudiSkills Competition ([www.saudiskills.org.sa](http://www.saudiskills.org.sa))

## **Co-Founder,**

## **General Chair, The Organizing Committees**

- 4/2007 – 5/2009 The partnership program between the College of Telecom and Information and the City of Sunderland College, UK

Responsibilities: supervised all the planning, development and execution processes of this program.

- 11/2007 39<sup>th</sup> WorldSkills Competition ([www.worldskills.org](http://www.worldskills.org)), Shizuoka, Japan

## **Expert for IT PC/Network Support**

- 2/2007 – 5/2009 The joint cooperative program between Saudi Telecom Company (STC) and the General Organization for Technical Education and Vocational Training (GOTEVOT) to train national workforce.

According to this agreement, STC provides fund for short/long term training courses for 1000 students and 300 deaf/blinds students. The training courses are to be held at the GOTEVOT colleges and institutes throughout the Kingdom.

## Responsibilities & Achievements:

- Head of GOTEVOT delegation in the preliminary negotiation and member of the delegation in the final negotiation.
- Member of the steering committee.
- Supervisor of all deaf/blinds-related training courses in this agreement.

- 12/2006 Official visit to the Republic of Ireland

## **Member of the official delegation and head of the IT division.**

Responsibilities: Top officials of the General Organization for Technical Education and Vocational Training (GOTEVOT) have visited different institutes of technologies in the Republic of Ireland. The visit established a base for further cooperation in different fields in the interest of GOTEVOT.

- Since 11/2006 Memorandum of Understanding between Microsoft Corporation and the General Organization for Technical Education and Vocational Training (GOTEVOT).

This MOU was signed by the chairman of Microsoft Corporation Bill Gates and GOTEVOT Governor on 8 November 2006. It is a joint cooperative program in which Microsoft helps establishing a Master Microsoft IT Academy at the College of Telecom and Information. Also, Microsoft helps establishing 12 other Microsoft IT Academies in different GOTEVOT technical colleges and higher technical institutes for girls. Microsoft role includes training instructors, providing course materials, MSDN membership and consultancy services.

## Responsibilities & Achievements:

- Head of GOTEVOT delegation in the preliminary negotiation and member of the delegation in the final negotiation.
- Director General – Master Microsoft IT Academy at the College of Telecom and Information.

- Since 4/2006 General Organization for Technical Education and Vocational Training (GOTEVOT), Saudi Arabia

## **Chairman, The Specialized Committee for Programs & Curricula Development for deaf.**

Responsibilities: supervises all computer-related development of curriculum for all training programs in the technical colleges and training institutes of GOTEVOT for deaf students.

- Since 4/2006 General Organization for Technical Education and Vocational Training (GOTEVOT), Saudi Arabia

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## **Chairman, The Specialized Committee for Programs & Curricula Development for visually impaired.**

Responsibilities: supervises all computer-related development of curriculum for all training programs in the technical colleges and training institutes of GOTEVOT for blind students.

- Since 4/2006 Memorandum of Understanding between Cisco Systems and the General Organization for Technical Education and Vocational Training (GOTEVOT).

This MOU was signed by the Cisco Chairman and CEO John Chambers and GOTEVOT Governor on 18 April 2006. It is a joint cooperative program in which Cisco helps establishing several Networking Academy in different GOTEVOT technical colleges and higher technical institutes for girls. Also, it promotes the regional networking academy at the College of Telecom and Information to be super regional. Cisco role includes providing lab bundles, providing course materials and free access to the Cisco Academy learning management system.

### Responsibilities & Achievements:

- Head of GOTEVOT delegation in the preliminary negotiation and member of the delegation in the final negotiation.
- Director General - Super Regional Cisco Networking Academy at the College of Telecom and Information.
- Since 1/2006 General Organization for Technical Education and Vocational Training (GOTEVOT), Saudi Arabia

## **Member, The General Committee For Program & Curricula Development.**

Responsibilities: setting the policies and regulations and approving skill standards and curriculum development for all training programs in the technical colleges and training institutes of GOTEVOT.

- Since 1/2006 General Organization for Technical Education and Vocational Training (GOTEVOT), Saudi Arabia

## **Chairman, The Specialized Committee for Programs & Curricula Development of Computer.**

Responsibilities: supervises all computer-related development of skill standards and curriculum for all training programs in the technical colleges and training institutes of GOTEVOT.

- 9/2005 – 12/2006 General Organization for Technical Education and Vocational Training (GOTEVOT), Saudi Arabia

## **Chairman, Committee of training cooperation in the fields of IT and telecommunication.**

Responsibilities: proposing, approving, and evaluating the training needs for the staff and instructors of the GOTEVOT in the fields of IT and telecommunications.

- 8/2005 – 12/2006 General Organization for Technical Education and Vocational Training (GOTEVOT), Saudi Arabia

## **Member, The Main Committee for eLearning.**

Responsibilities: strategic planning, proposing, approving, and evaluating the deployment of eLearning technologies throughout technical colleges and training institutes of GOTEVOT.

- 5/2005 – 9/2010 General Organization for Technical Education and Vocational Training (GOTEVOT), Saudi Arabia

## **Member, The Council of the Technical Colleges Affairs.**

- Since 2/2002 National Competition for Computer Cleverness (NCCC)

### **Co-founder.**

### **Chairman of the superior organizing committee (since 5/2005).**

NCCC is an annual competition founded by the College of Telecom & Information aims to encourage non-commercial creativeness in the fields of computer and communication. The first competition was organized jointly by the College of Telecom & Information and Saudi Computer Society and sponsored by Microsoft Corp. and Ericsson. The finale of this competition took place in Riyadh on 1-2 January 2003. The second competition was organized jointly by the College of Telecom & Information and Computer Club at the Ministry of Education and sponsored by Microsoft Corp., STC, Saudi Aramco, SABIC, GOTEVOT, AwalNet, Newhorizons, and Alriyadh Newspaper. The finale of this competition took place in Riyadh on 10-11 May 2004. For more information on this competition, please visit its official web site at <http://www.nccc.edu.sa>.

### Responsibilities & Achievements:

- Co-founder.
- Chairman of the superior organizing committee of the 3<sup>rd</sup> NCCC (to be held in 4/2007).

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- Deputy Chairman of the superior organizing committee of the 1<sup>st</sup> and 2<sup>nd</sup> NCCC.
- Chairman of the judging committee of the 1<sup>st</sup> NCCC.
- 10/2001 – 5/2009 College of Telecom & Information, Riyadh, Saudi Arabia  
**Member, The Advisory Committee. Chairman of the committee from 5/2005 till 5/2009.**  
Responsibilities: evaluating and proposing to develop the performance of the college. The committee consists of executives from both public and private sectors.
- 8/2001 – 5/2009 College of Telecom & Information, Riyadh, Saudi Arabia  
**Member, The College Council. Chairman of the council from 5/2005 till 5/2009. Coordinator of the council from 2/2004 till 5/2005.**
- 11/2005 – 4/2006 General Organization for Technical Education and Vocational Training (GOTEVOT), Saudi Arabia  
**Chairman, The organizing committee of the national contest for designing new logo for GOTEVOT.**
- Since 4/2005 Official delegate of the GOTEVOT to the CompTIA.  
Responsibilities & Achievements: working to spread the culture of the IT certifications such as A+ among students and adapting such certificates into the official curriculum of GOTEVOT.
- 12/2003 – 9/2004 Member, Committee for enabling deaf students into higher education system in Saudi Arabia.  
Responsibilities & Achievements: this committee consists of member from GOTEVOT, ministry of higher education and ministry of education to enable deaf student to continue their education after high school. The committee studies the various possibilities and then developed a 2 years training program that quality deaf students for associate degree. The program was launched in 9/2004 at the College of Telecom and Information and it was the first of its kind in the Arab world..
- 1/2002 – 1/2006 General Committee For Program & Curricula Development, General Organization for Technical Education and Vocational Training (GOTEVOT), Saudi Arabia  
**Member, The Specialized Advisory Committee for Programs & Curricula Development of Computer– Computer Network Committee.**  
Achievements:
  - Participating in the development of the detailed national skill standards for the professions of “Network Technician”, “System Administrator”, “Network Cabling Technician”, and “Computer Operator”. These standards can be requested from the above-mentioned organization. This work is sponsored by the *National Skill Standards Project*, which is a joint project between GOTEVOT and BAE systems.
  - Leading the team who developed the model curriculum for the 2-year associate degree in Network Technology based on the national skill standards for “Network Technician”. This model is currently implemented in some technical colleges including the College of Telecom & Information. It can be requested from the above mentioned organization or college. Also, it can be found on the GOTEVOT's official web site <http://www.gotevot.edu.sa> .
  - Participating in the team who developed the model curriculum for the 2-year associate degree in Software Technology based on the national skill standards for “Assistant Programmer”. This model is currently implemented in several technical colleges including the College of Telecom & Information. It can be requested from the above-mentioned organization or college. Also, it can be found on the GOTEVOT's official web site <http://www.gotevot.edu.sa> .
- 10/2001 – 9/2005 General Organization for Technical Education and Vocational Training (GOTEVOT), Saudi Arabia  
**Member, The superior executive committee for the program of training and industrial cooperation in the fields of computer and telecommunication.**  
Responsibilities & Achievements: proposing, approving, and evaluating the training needs for the staff and instructors of the GOTEVOT in the fields of computer and telecommunications.
- 3/2002 – 12/2004 General Directorate for Private Training, General Organization for Technical Education and Vocational Training (GOTEVOT), Saudi Arabia  
**Consultant, General Directorate for Private Training.**  
Responsibilities & Achievements:
  - Studying, evaluating and approving the curricula of the long term training programs in the field of computer network offered by the private institutes which are supervised by the General Directorate for Private Training.

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- Participating in preparing the comprehensive exams for both 1-year diploma (Network Operation) and 2-year diploma (Network Technology), which are offered by the private institutes and approved by the General Directorate for Private Training.
- 14 - 15/4/2004      Lebanese American University, Byblos, Lebanon  
**Cisco Networking Academy Program (CNAP) – Middle East Academy Conference, 2004.**  
I was a member of the delegation that represented the Regional Cisco Networking Academy at the College of Telecom & Information to this conference, which was organized by the Cisco Systems, Inc. and hosted by the Lebanese American University, Byblos, Lebanon.
- 3/2001 – 2/2004      College of Telecom & Information, Riyadh, Saudi Arabia  
**Member, The Council of the Department of Computer & Information. *Chairman of the council from 8/2001 till 2/2004.***
- 7 – 11/2003      Riyadh Chamber of Commerce and Industry, Riyadh, Saudi Arabia  
**Competition of Innovation in Computer Programming, sponsored by Boeing company.**  
Responsibilities & Achievements:
  - Member of the judging committee.
- 1 - 3/4/2003      Evaluation visit: Egyptian Graduation Project (EGP), Cairo, Egypt  
I was a member of the delegation that represented the General Organization for Technical Education and Vocational Training (GOTEVOT) to visit the Egyptian Graduation Project (EGP). EGP is a partnership project between IBM and the Egyptian Ministry of Telecommunication and Information to train 15000 graduates into several fields of IT. The objective of the visit is to evaluate the project in order to support the decision-making of approving similar one in Saudi Arabia between GOTEVOT and IBM. The visit included IBM-Egypt, Egyptian Ministry of Telecommunication and Information, and several participated training centers.
- 16/4/2002      Dubai, United Arab Emirates  
**Cisco Networking Academy Program (CNAP) – Middle East Regional Conference, 2002.**  
I was the representative of the Regional Cisco Networking Academy at the College of Telecom & Information to this conference, which was organized by the Cisco Systems, Inc.
- 5 – 11/1/2002      General Organization for Technical Education and Vocational Training (GOTEVOT), Saudi Arabia  
**Member, The Central Committee for interviewing the Egyptian applicants for faculty positions in the technical colleges.**  
Responsibilities: interviewing the Egyptian applicants for faculty positions and recommending those who were eligible to be hired by the GOTEVOT in one of its technical colleges. This work took place in Cairo, Egypt.
- 7 – 11/7/2001 and 16 – 18/7/2001      General Organization for Technical Education and Vocational Training (GOTEVOT), Saudi Arabia  
**Member, The Central Committee for interviewing the applicants for teacher positions in the technical colleges.**  
Responsibilities: interviewing the Saudi applicants for teacher positions and recommending those who were eligible to be hired by the GOTEVOT as a computer teacher in one of its technical colleges.
- 4/1993 – 7/1993      Directorate General For Technical Education, General Organization for Technical Education and Vocational Training (GOTEVOT), Saudi Arabia  
**Member, The Central Committee of developing the curriculum of the computer courses in the secondary commercial institutes.**
- 3 – 14/7/1993      Directorate General For Technical Education, General Organization for Technical Education and Vocational Training (GOTEVOT), Saudi Arabia  
**Member, The Central Committee of evaluating the high school diploma exam for the subject of computer in the secondary commercial institutes (1413/1414H school year).**

## TRAINING

- 4 – 8/8/2015      University of British Colombia, Vancouver, Canada:  
**“Professional Development for academic leadership”.**
- 2 – 6/3/2015      EMC Corporation, Frankfurt, Germany:  
**“Data Science and Big Data Analytics”.**

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- 16 – 20/6/2014 Florida Atlantic University, Florida, USA:  
    **“Higher education leadership”.**
- 19 – 20/2/2014 King Saud University, Riyadh:  
    **“Research projects and grants proposals writing”.**
- 27 – 28/4/2013 King Saud University, Riyadh:  
    **“Scientific Publication in ISI Journals”.**
- 6 – 16/1/2013 SAP, Dubai  
    **“SAP ERP – Integration of Business Processes”.**
- 24 – 26/11/2012 King Saud University, Riyadh  
    **“Professional Projects Management”.**
- 2/9/2012 King Saud University, Riyadh  
    **Workshop: “Twitter in University Teaching”.**
- 1/9/2012 King Saud University, Riyadh  
    **Workshop: “Current Issues of Scientific Publishing”.**
- 2 – 13/7/2012 Queen Margaret University, Edinburgh, UK  
    **“KSU staff Development Programm”.**
- 2 – 3/4/2011 King Saud University, Riyadh  
    **“Blended learning workshop using Blackboard”.**
- 8 – 9/3/2011 King Saud University, Riyadh  
    **“Course Design and Construction”.**
- 29 – 30/2/2011 King Saud University, Riyadh  
    **“Student Assessment”.**
- 28/2/2011 King Saud University, Riyadh  
    **“Micro Teaching”.**
- 10 – 12/1/2011 King Saud University, Riyadh  
    **“Effective Teaching”.**
- 15 – 29/7/2007 GTZ and Bfz Training Center, Germany  
    **"Training center management, Quality assurance, Evaluation methodology, and Introduction to the Balanced Scorecard Methodology. And, Study Tour – Technical and Vocational training in Germany".**
- 6 – 8/5/2007 Institute of Public Administration, Riyadh  
    **“Performance Evaluation of Employees”.**
- 27 – 28/2/2007 Tunisia  
    **“Microsoft Academic Days”.**
- 10 – 21/7/2006 AOTS Yokohama Kenshu Center, Yokohama, Japan  
    **JCCME Program on the Middle Management for Saudi Arabia.**  
    **This course arranged by Japan Cooperation Center for the Middle East in cooperation with The Association for Overseas Technical Scholarship.**
- 11 – 22/7/2005 International Training Australia Pty Ltd, Melbourne, Victoria, Australia  
    **Technical College Management Study Tour in Victoria, Australia.**
- 13 – 18/3/2005 Hanover, Germany  
    **CeBit.**
- 10 – 13/9/2002 University of Central England, Birmingham, England  
    **Regional Academy (RA)/Local Academy (LA) Instructor Training Course: “Course 4 of the Cisco Networking Academy Program (WAN Technologies)”.**
- 4 – 9/9/2002 University of Central England, Birmingham, England  
    **Regional Academy (RA)/Local Academy (LA) Instructor Training Course: “Course 3 of the Cisco Networking Academy Program (Switching Basics and Intermediate Routing)”.**
- 1 – 5/7/2002 Barcelona, Spain  
    **“Microsoft Tech-Ed 2002 Conference”.**



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- 25 – 29/5/2002 Riyadh Training Center, Saudi Telecom Company, Riyadh  
**“Work Stress Management”**.
- 13 – 18/6/2001 University of Central England, Birmingham, England  
**Regional Academy (RA)/Local Academy (LA) Instructor Training Course: “Course 2 of the Cisco Networking Academy Program (Routers and Routing Basics)”**.
- 8 – 12/6/2001 University of Central England, Birmingham, England  
**Regional Academy (RA)/Local Academy (LA) Instructor Training Course: “Course 1 of the Cisco Networking Academy Program (Networking Basics)”**.
- 6 – 7/6/2001 University of Central England, Birmingham, England  
**Regional Academy (RA)/Local Academy (LA) Instructor Training Course: “Orientation course of the Cisco Networking Academy Program”**.
- 27/6/2000 ExecuTrain, Oklahoma City, USA  
**Microsoft Approved Course: Exchange 2000 HOT LABS**
- 12/1993 Imam Mohammed bin Saud Islamic University, Riyadh, Saudi Arabia  
**“2 weeks special pre-scholarship orientation course”**.

## RESEARCH

- My research interests include: Databases, Data mining, Big data analytics, Cloud computing, Information retrieval, and researches related to IT enablement for deaf and sign language

## CONFERENCES AND SYMPOSIUMS

- 25 – 28/ 8 /2013 The 2013 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining, ASONAM 2013, Niagara Falls, Canada.
- 27/9 – 1/ 10 /2010 Euro-Arab Dialogue International Forum, Rome, Italy. Organizer: C.R.o.MED, Italy.  
**Present a paper “Translation and Technology Transfer in the Arab World”**
- 28 – 29/ 4 /2010 International Symposium “Translation and Cultural Dialogue”, Tunis. Organizer: University of Manouba, Tunis.  
**Present a paper “Translation and Technology Transfer in the Arab World”**
- 2 – 4/ 6 /2009 Arabic Symposium “Arab plan for the implementation of the Arab Decade for Persons with Disabilities and the International Convention on the Rights of Persons with disabilities”, Riyadh, Saudi Arabia. Organizer: Ministry of Social Affairs and Technical Secretariat of the Council of Arab Social Affairs Ministers.  
**Chair, Panel Discussion “Vocational Training and Employment”**  
**Present a paper “Training the deaf in the field of Computer: difficulties and solutions”**
- 11 – 14/ 1 /2009 Fifth Saudi Technical Conference, Riyadh, Saudi Arabia. Organizer: Technical and Vocational Training Corporation (TVTC).  
**Chair, Panel Discussion “Train Technical Trainers”**
- 21 – 23/ 4 /2003 eLearning Symposium, Riyadh, Saudi Arabia. Organizer: King Faisal School.  
**Present a paper “eLearning in the College of Telecommunication and Information: case study”**

## PUBLICATIONS

- Almuhrij, Moodhi A. ; Ahmad A. Alhamed, [2018], *Manfaa Freelancer Application*, 21st Saudi Computer Society National Computer Conference (SCS-NCC' 2018), Riyadh, Saudi Arabia, April 2018
- Alblawi, Amal S. ; Ahmad A. Alhamed, [2017], *BIG DATA AND LEARNING ANALYTICS IN HIGHER EDUCATION: Demystifying Variety, Acquisition, Storage, NLP and Analytics*, IEEE Conference on Big Data and Analytics (ICBDA), NOVEMBER 2017, Kuching, Malaysia
- Alhamed, Ahmad A. ; Maha S. Alqhtani, [2017], *DEVELOPMENT OF AN INTEGRATED TOOL THAT SUMMARRIZE AND PRODUCE THE SIGN LANGUAGE FOR WEB PAGES TO PROMOTE WEB ACCESSIBILITY FOR DEAF*, International Journal of Information Technology, Control and Automation (IJITCA) Vol.7, No.3, July 2017.
- Alhefdhi, Khoulah A. ; Ahmad A. Alhamed, [2017], *Utilization of Avatar-based Technology in The Area of Sign language... A Review*, GSTF Journal on Computing (JoC) Vol.5 No.2, pp. 8-12, January 2017

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- Al-Rakhami Mabrook and Ahmad Alhamed [2016], *Cloud-based Graphical Simulation Tool of ECG for Educational Purpose*, ICC '16 International Conference on Internet of things and Cloud Computing, March 22 - 23, 2016, Cambridge, United Kingdom
- Alenazi, Thamer M. ; Ahmad A Alhamed, [2015], *A Middleware to Support HL7 Standards for the Integration between Healthcare Applications*, IEEE International Conference on Healthcare Informatics (ICHI) 2015, pp. 509 – 512, Oct. 21-23, 2015, Dallas, TX, USA
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- Alhamed, Ahmad [2000], *Clustering Methodologies Applied To Short-Term Ensemble Forecasting: An Exercise in Data Mining*, Ph.D. thesis, Department of Computer Science, University of Oklahoma.

## TEACHING

Since 1992, I have taught a variety of courses in Computer Science at Buraidah Technical College (1992), the College of Telecom and Information (2001 – 2010) and at the College of Computer and Information Sciences, King Saud University (2011 – present) :

- Databases
- Introduction to Computer
- Computer Programming
- Internet Programming
- Web-based application development
- Computer Network Fundamentals
- Network Security
- Routers and Routing Basics (based on Cisco product)
- Switching Basics and Intermediate Routing (based on Cisco product)
- Wide Area Network (WAN) Architecture (based on Cisco product)

Since 6/2003, I have taught the following courses at the Arab Open University – Riyadh branch, Saudi Arabia:

- "M263: Building Blocks of Software", 9/2010 - now
- "M255: Object Oriented Programming with Java", 9/2009 – 2/2010
- "M206: Computing: An Object-oriented Approach", 9/2004 – 6/2010
- "T171: You, Your Computer and the Net: Learning and living in the information age", 11/2003 - 1/2004
- "TU170: Learning On-Line-Computing with Confidence" , 22/2 - 30/6/2003 and 7/2 - 20/6/2004

From 2/2004 till 6/2005, I have taught the following courses at the Imam Mohammad bin Saud Islamic University – Riyadh, Saudi Arabia:

- " Computer Network Fundamentals", 2 - 6/2005
- "Network Security", 7/2 - 9/6/2004, 9 - 12/2004 and 2 - 6/2005

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## SHORT COURSES - TUTORIAL OFFERED

In addition to the regular teaching activities, this is a list of the specialized short courses and tutorials that I have offered:

- 28 – 3/3/2004: Five days long course offered for 6 computer instructors from 5 technical colleges and Edad training Institute in Riyadh on the **Course 4 of the Cisco Networking Academy Program (WAN Architecture)**. *This course is organized by the Regional Cisco Networking Academy at the College of Telecom & Information, Riyadh.*
- 21 – 25/2/2004: Five days long course offered for 6 computer instructors from 5 technical colleges and Edad training Institute in Riyadh on the **Course 3 of the Cisco Networking Academy Program (Routing and Switching)**. *This course is organized by the Regional Cisco Networking Academy at the College of Telecom & Information, Riyadh.*
- 7 – 11/2/2004: Five days long course offered for 11 computer instructors from the College of Telecom & Information and Alkhaleej Institute for Applied Science in Riyadh, Alkhobar and Jeddah on the **Course 4 of the Cisco Networking Academy Program (WAN Architecture)**. *This course is organized by the Regional Cisco Networking Academy at the College of Telecom & Information, Riyadh.*
- 1 – 7/12/2003: Five days long course offered for 9 computer instructors from the College of Telecom & Information and Alkhaleej Institute for Applied Science in Riyadh, Alkhobar and Jeddah on the **Course 3 of the Cisco Networking Academy Program (Routing and Switching)**. *This course is organized by the Regional Cisco Networking Academy at the College of Telecom & Information, Riyadh.*
- 18 – 23/10/2003: Six days long course offered for 7 computer instructors from the College of Telecom & Information, Saudi Computer Society, Alfaisal International Academy and Riyadh Teacher College on the **Course 2 of the Cisco Networking Academy Program (Routers and Routing Basics)**. *This course is co-organized by the Saudi Computer Society and the Regional Cisco Networking Academy at the College of Telecom & Information, Riyadh.*
- 6 – 11/9/2003: Six days long course offered for 8 computer instructors from 6 technical colleges and Edad training Institute in Riyadh on the **Course 2 of the Cisco Networking Academy Program (Routers and Routing Basics)**. *This course is organized by the Regional Cisco Networking Academy at the College of Telecom & Information, Riyadh.*
- 26/4 – 1/5/2003: Six days long course offered for 15 computer instructors from the College of Telecom & Information and Alkhaleej Institute for Applied Science in Riyadh, Alkhobar and Jeddah on the **Course 2 of the Cisco Networking Academy Program (Routers and Routing Basics)**. *This course is organized by the Regional Cisco Networking Academy at the College of Telecom & Information, Riyadh.*
- 10 – 13/11/2002: Three days long course offered for 7 computer instructors from the College of Telecom & Information on the **Orientation course of the Cisco Networking Academy Program**. *This course is organized by the Regional Cisco Networking Academy at the College of Telecom & Information, Riyadh.*
- 30/4 – 8/5/2002: Seven days long course offered for 13 computer instructors from 10 technical colleges on the **Course 1 of the Cisco Networking Academy Program (Networking Basics)**. *This course is organized by the Regional Cisco Networking Academy at the College of Telecom & Information, Riyadh.*
- 27 - 29/4/2002: Three days long course offered for 13 computer instructors from 10 technical colleges on the **Orientation course of the Cisco Networking Academy Program**. *This course is organized by the Regional Cisco Networking Academy at the College of Telecom & Information, Riyadh.*
- 10/2001: About 70 hours long course on the **Course 1 of the Cisco Networking Academy Program (Networking Basics)**. *This course is organized by the Saudi Computer Society.*
- 9/2001: Two weeks long course offered for computer teachers from selective high schools on the **Course 2 of the Cisco Networking Academy Program (CCNA2: Routers and Routing Basics)**. *This course is co-organized by the Saudi Computer Society and Ta'eheel Project with Ministry of Education.*

## COMPUTER SKILLS

- **Programming Languages:** C/C++, Java, Fortran 90, Smalltalk
- **Networking:** Network design and cabling, LAN design, Windows NT/2000 administration, Linux administration, Cisco router configuration, LAN/WAN modeling and simulating using Network Simulator (ns).
- **Internet Development and Web Design:** IIS and Apache administration, MS Exchange 2000 administration, HTML, JavaScript, CSS, DHTML, Perl, PHP.
- **Database languages and systems:** SQL, Objectivity/DB, MySQL.
- **Operating Systems:** Unix/Linux, Windows 9x, NT, 2000.

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- Office Applications.
- **Off-shelve Packages:** NCAR Graphics Library, IMSL (Integrated Mathematical and Statistical Library), and Splus.

## PROFESSIONAL SOCIETIES

- SCS, Saudi Computer Society  
Member since 2002 - 2005.
- IEEE, Institute of Electrical and Electronics Engineers  
Student Member 1998 - 2000, Professional Member 2000-2002.
- ACM, Association for Computing Machinery  
Student Member 1998 - 2000, Professional Member 2000-2002.
- CSI, Computer Security Institute  
Member 2000-2002.