

## Curriculum Vitae

### Personal and contact information

Name : Dua'a Hamad Sulaiman Al-Saeed

Gender : Female

Marital Status : Married

Nationality : Saudi

E-Mail : Dalsaeed@ksu.edu.sa

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### Work Experience

#### **Current work:**

King Saud University.

College of Computer and Information Sciences.

Department of Information Technology.

Current Job: Assistance Professor

Hire Date: 10-6-1414H (1993)

Start Date: 21-6-1414H (1993)

#### **Previous Work:**

1. Ministry of Education – Special Education (1993 - 2008)

2. Technical and Vocational Training Corporation - General Administration of Training Assessment (2008-2009)

### Academic Information

- Ph.D. in Computer Science, Northumbria University in Newcastle, UK, June 2015.
- M. Sc. in Computer Science, King Saud University, KSA, March 2004.
- B.Sc. in Computer Applications, CCIS, King Saud University, February 1992.

**Major :** Computer Science

**Minor :** Image Processing

**Main research interest:** Image processing, AI.

### Teaching Experience

- Teaching computer courses for high school students with hearing disability (13 years).
- High education courses : Java programming - HCI .

### Courses and Workshops

<u>Course subject/title</u>	<u>Year</u>	<u>Organizing body</u>
1. NETWORKS course.	2003	Alamiah Institute.
2. Developing Supervisor's Skills.	2004	MOE, Developing and training Centre.
3. Effective Supervision Methods course.	2004	Alnafie Training Centre.
4. Time Management course.	2005	College of Education.
5. Strategic Planning course.	2006	MOE, Developing and training Centre.
6. Statistical Package for Social Science course.	2006	MOE, Developing and training Centre.
7. Autism course.	2007	MOE, Department of Special Education
8. Braille System course.	2008	MOE, Department of Special Education
9. Arabic Sign Language course.	2009	MOE, Department of Special Education
10. Computer System for School Management.	2009	MOE, Developing and training Centre.
11. Project Management Training course.	2003	MOE, Developing and training Centre.

### Conferences and Symposia

1. Participated and provided a paperwork in the National Conference for Information Technology organized by King Saud University in Muharram 1427H.
2. Participated in the Regional Scientific Conference organized by King Abdul-Aziz and his Companions Foundation for Giftedness in Sha'ban 1427H.
3. Participated in the 4th Conference and Exhibition Organized by the Technical and Vocational Training Corporation in Riyadh from 11 to 15/11/1427H.
4. Participated in organizing the International Conference on Learning Disabilities from 28th of Shawwal to the 2 <sup>nd</sup> of Dhu Al-Qidah, 127H.
5. Participated in Organizing sign Language Course for affiliated individuals from King Saud University and private sectors.
6. Participated in organizing Braille System Course for reading and writing for children's mothers and teachers.
7. Participated in organizing a workshop about Autism for teachers and educational supervisors.
8. Participated in the Seventh International Conference on Signal-Image Technology and Internet-Based Systems (SITIS), 2011, Dijon, France.
9. Participated in the 2012 International Conference on Information Technology and e-Services (ICITeS), 2012, Sousa, Tunisia.
10. Participated in the IET Conference on Image Processing (IPR 2012), 2012, London, UK.
11. Participated in the 2014 International Conference on Systems, Signals and Image Processing (IWSSIP), 2014, Dubrovnik, Croatia.

### **Selected Committees Memberships (2007-2015)**

- Director of Computer Administration and Learning Technologies.
- Chief of the budget committee of programs and institutes of Special Education in the Kingdom for three years since 1427H.
- Prepared the Special Education's budget project as a part of the Ministry of Education's project.
- Member of a committee consists of His Highness Deputy Minister of Education to study and evaluate Special Education's programs in Riyadh.
- Preventative of the General Administration of Special Education in the Committee of job performance assessment and transference of educational statistics into indications.
- Member of Executive Planning Committee for the General Administration of Special Education.
- Member of Curriculum Studies Committee of the General Education for the hearing impairment.
- Participated in many temporary committees to study current issues Administratively and technically.
- Participated in organizing and preparing annual meeting of Special Education in MOE for two years in Riyadh and Makkah.
- Member of the Annual report committee at the deanship of medical and science studies, Department, KSU.
- Member of the Curriculum Committee at the IT Department, KSU.
- Member of the Quality and Accreditation Committee at the IT Department, KSU.

### **Teaching Experience**

- Teaching computer courses for high school students with hearing disability (13 years).
- High education courses: Java programming – HCI.

### **Community Service**

- Deputy Chair of the Specialized Consultant Group for Learning Technology.
- General Coordinator and Higher Committee member of Shiakh Mohammad bin Saleh bin Sultan Award for Scientific Excellence and Innovation in Special Education, (1427H – 1432).
- Participated in Organizing sign Language Course for affiliated individuals from King Saud University and private and private sectors.
- Participated in organizing Braille System Course for reading and writing for children's mothers and teachers.
- Participated in organizing a workshop about Autism for teachers and educational supervisors.

Publications	
<b>ISI Journal papers</b>	
<ul style="list-style-type: none"> <li>D.H. AlSaeed, A. Bouridane, and A. ElZaart. A Novel Fast Otsu Digital Image Segmentation Method. The International Arab Journal of Information Technology (IAJIT), (in press).</li> </ul>	
<b>IEEE Conference Papers: (Published)</b>	
<ul style="list-style-type: none"> <li>D.H. AlSaeed, A El-Zaart, and A Bouridane. Minimum Cross Entropy Thresholding Using Entropy-Li Based on Log- normal Distribution for Skin Cancer Images. In Signal-Image Technology and Internet-Based Systems (SITIS), 2011, Seventh International Conference on, pages 426-430, Nov 2011.</li> <li>D.H. AlSaeed, A Bouridane, A ElZaart, and R. Sammouda. Two modified Otsu image segmentation methods based on Lognormal and Gamma distribution models. In Information Technology and e-Services (ICITeS), 2012 International Conference on, pages 1-5, March 2012.</li> <li>D.H. AlSaeed, A Bouridane, A ElZaart, and R. Sammouda. Novel fingerprint segmentation with Entropy-Li MCET using Log-normal distribution. In Image Processing (IPR 2012), IET Conference on, pages 1-6, July 2012.</li> <li>D.H. AlSaeed, A. Bouridane, and A. ElZaart. A new im- age segmentation method based On 3-dimensional en- tropic thresholding using a 3-dimensional (GLLALE) histogram. In Systems, Signals and Image Processing (IWS- SIP), 2014 International Conference on, pages 235-238, May 2014.</li> </ul>	
Editorial Activities	
<ol style="list-style-type: none"> <li>Joined the editorial team and TPC as a member and reviewer the IJIPVC Journal : International Journal of Image Processing and Visual Communication.</li> <li>Joined the editorial team and TPC as a member and reviewer the IJCDS' V3 Journal : International Journal of Computing and Digital Systems .</li> </ol>	
Reviewing Activities	
<p>Joined the technical program committee and served as reviewer in :</p> <ol style="list-style-type: none"> <li>ICCSIPA 2013 : International Conference on Communications, Signal Processing, and their Applications – Technically sponsored by IEEE.</li> <li>ICAIS 2013 : (International Symposium on Control, Automation, Industrial Informatics and Smart Grid ) -Technically co-sponsored by IEEE Communications Society.</li> <li>ISCI 2013 : (2013 IEEE Symposium on Computers &amp; Informatics).</li> <li>ICIIP 2013 : (2013 Second IEEE International Conference on Image Information Processing).</li> </ol>	