

## السيرة الذاتية

المعلومات الشخصية		
	الاسم الثلاثي واللقب	حمزة عباس علي السوادي
	المواليد	1946 / 7 / 1
	محل التولد	البصرة
	الجنسية	عراقي
	الحالة الزوجية	متزوج
	عدد الأطفال	4
	العنوان	البصرة - العباسية
	البريد الالكتروني	<a href="mailto:alsewadi@hotmail.com">alsewadi@hotmail.com</a>
تلفون	07817368928	
اللقب العلمي	أستاذ مساعد	
الاختصاص العام	هندسة	
الاختصاص الدقيق	الكترونكس	
الاختصاص الحالي	هندسة حاسبات	

الشهادات			
الشهادة	تاريخ التخرج	الجامعة	البلد
بكالوريوس	1968	البصرة	العراق
ماجستير	1973	لندن	بريطانيا
دكتوراه	1977	لندن	بريطانيا

المهارات			
المهارات	قراءة	كتابة	
اللغة العربية	نعم	نعم	
اللغة الانكليزية	نعم	نعم	
لغات أخرى	كلا	كلا	

الدورات التدريبية			
اسم الدورة	مكان الدورة	مدة الدورة	تاريخ
Flash 5	Zarka University, Jordan	One week	2002
Rational software	Zarka University, Jordan	Two weeks	2001
Computer Data Security	Budapest, Hungary	Two months	1988
Computer Center Manager Course	NCC, Baghdad, Iraq.	Two months.	1987
Computer Linguistics,	Arab summer school, Rabat, Morocco.	Two weeks	1987
Computer Applications in University Administration	British Council, Belfast, Ireland	Two weeks	1986

1982	One months	Tokyo, Japan	Software Engineering management
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الوظائف الأكاديمية		
إلى الفترة	من الفترة	الوظيفة ( تبدأ من الوظيفة الحالية )
الآن	/ 10 / 1 2010	أستاذ مساعد / كلية الهندسة/ جامعة البصرة/ العراق
2010 / 10 / 1	/ 2 / 23 2010	أستاذ/ كلية تكنولوجيا المعلومات/ جامعة الاسراء / الاردن
2010 / 2 / 22	/ 9 / 16 2005	أستاذ مشارك/ كلية تكنولوجيا المعلومات/ جامعة الاسراء / الاردن
2005 / 9 / 15	/ 9 / 16 2001	أستاذ مشارك/ كلية العلوم وتكنولوجيا المعلومات/ جامعة الزرقاء / الاردن
2001 / 4 / 1	/ 6 / 28 2000	أستاذ زائر/ مركز CITEC للبحث / جامعة آيزو / اليابان
1999 / 9 / 29	/ 3 / 23 1993	أستاذ مساعد / كلية الهندسة/ جامعة البصرة/ العراق
2000 / 6 / 10	/ 9 / 15 1996	رئيس قسم علوم الحاسبات/ كلية شط العرب الجامعة / بصرة
1993 / 3 / 23	/ 12 / 7 1977	مدرس / كلية الهندسة/ جامعة البصرة/ العراق
1989 / 12 / 8	/ 12 / 7 1978	مدير مركز الحاسبة الالكترونية / جامعة البصرة

النشاط البحثي
:Papers Journal
Waleed, A.J. Rasheed and Hamza A. Ali, Cooperative Neural Network Generalization Model Incorporating Classification and Association", European Journal of Scientific Research, EJSR, Vol. 36, No. 4, 2009, PP: 639-648.
Al-Nsour Aymam, Hamza A. Ali, Buthynna Al-Dulaimi and Wisam H. Al-Sewadi, "A Computer Simulation Model for Automated Quantification of Luteinizing Hormone Secretion", Journal of Computer Science 5 (6): PP: 419-426, 2009. ISSN 1549-3636.
Waleed, A.J. Rasheed and Hamza A. Ali, "Publisher Identifier Scheme for Printed Documents Using Neural Networks", Asian Network for Scientific Information, Journal of Applied Science, Vol. 9, No. 18, 2009, PP: 3317-3325.
Adnan Hadi M. Al-Helali, Hamza A. Ali, Buthainah Al-Dulaimi, Dhia Alzubaydi and Walid A. Mahmmod, " Slantlet Transform for Multispectral Image Fusion", Journal of Computer Science, Vol. 5, No. 4, 2009, PP: 263-269.

Waleed, A.J. Rasheed and Hamza A. Ali, "Generalization Aspect of Neural Networks on Upgrading Assimilation Structure into Accommodating Scheme", Journal of Computer Science, Vol. 5, No. 3, 2009, PP: 177-183.
Hamza A. Ali, " Back Propagation Neural Network Arabic Characters Classification Module Utilizing Microsoft Word", Journal of Computer Science Vol. 4, No. 9, 2008. PP: 744-751.
Buthainah Fahran Al-Dulaimi and Hamza A. Ali, "A Novel Genetic Algorithm Approach for Solving Flow Shop Problem" IJCSNS International Journal of Computer Science and Network Security, Vol. 8, No. 9, Sep. 2008, PP: 229-235.
Hamza A. Ali and Bashar M. Ne'ma, "Effective Variations on Opened GIF Format Images", IJCSNS International Journal of Computer Science and Network Security, Vol. 8, No. 5, May 2008. PP: 70-75.
Hamza A. Ali, Abdul Ameer K. Hussain and Salah K. Albermany, "Enhancing Key Protection by Frequent Election of key Distribution Center", Journal of inst. Or Mathematics. & Computer Sciences (Computer Science Series.), Vol. 19, No. 1, India (2008). PP: 26-41.
Bashar M. Ne'ma and Hamza. A. Ali , "Multi-Purpose Code Generation Using Fingerprint Images", International Arab Journal for Information Technology (IAJIT), Vol. 6, No. 4, 2009.
Adnan H. M. Al-Hilali and Hamza A. Ali, "An ECC-Based Authentication and Key Agreement Protocols for Virtual Class Security", AMSE Journal, France, accepted 29 april, 2009, (now waiting publication date and volume number).
Adnan H. M. Al-Helali, Waleed A. Mahmmoud, Hamza A. Ali and A. F. Fadhel, "Multispectral Image Fusion using Walidlet Transform", AMSE Journal, France, 2007, accepted, May 2009, (now waiting publication date and volume number).
Hamza A. Ali and Hamed J Fawareh, "Maintenance Tool for Object-Oriented Programs Using Concepts Lattice", Journal of the Association of the Advancement of Modeling and Simulation Techniques in Enterprises (AMSE advances in Computer Science and Statistics), Vol. 11, No. 3, France (2006), PP: 1- 20.
(14)Hamed J. Fawareh and Hamza A. Ali, "Concept Lattice Analysis for Object Oriented Class-Level Maintenance", Journal of inst. Or Mathematics. & Computer Sciences (Comp. Sc. Ser.), Vol. 16, No. 1, India (2005), PP: 97-110.
حمزة عباس على و عبد الأمير حسين وصلاح البرماتي، "خوارزميات مقترحة للتوقيع الرقمي الأعمى في بيئة اتصالات جماعية مجلة أبحاث الحاسوب/ إتحاد مجالس البحث العلمي العربية (بغداد – العراق) ، العدد 2 لسنة 2003، صفحة 34-16.
حمزة عباس على و ماجد عبد الباقي محمود، "نموذج مطور لتميز الأرقام العربية المكتوبة يدوياً باستخدام الشبكات النيرونية"، مجلة أبحاث الحاسوب/ إتحاد مجالس البحث العلمي العربية (بغداد – العراق) ، العدد 1 لسنة 2003 ، صفحة 41-19.

Hamza A. Ali and Hamed J. Fawareh, "Tabulated Modular Exponentiation (TME) Algorithm for Enhancing RSA Public Key Encryption Speed", IAJIT Journal, Vol.1 No. 0, Jordan (2003), PP: 40-46.
Hamza A. Ali and Mikdam Al-Salami, "Timing Attack Prospect for RSA Cryptanalysts Using Genetic Algorithm Technique", IAJIT Journal, Vol.1 No. 1, Jordan (2004), PP: 81-85
Hamza A. Ali, "Improved Verification Speed Enhancement for Digital Signature Using Discrete Algorithm Variant", Journal of the Association of the Advancement of Modeling and Simulation Techniques in Enterprises (AMSE), Vol. 47, No. 4, France (2004), PP: 17-27
Hamza A. Ali and Majid A. B. Mahmood, "A Hybrid Neural Network Model for Character Recognition of Hand Written Numerals", Journal of the Association of the Advancement of Modeling and Simulation Techniques in Enterprises (AMSE), Vol. 45, No. 2, France (2002), PP: 53-67.
Hamza A. Ali and Hamid W. Shuhti, "Torsional wave propagation in infinite ceramic hollow cylinders", Journal of Engineering technology, Vol. 10, No.4, Iraq (1991).
Hamza A. Ali and Hamid W. Shuhti, "Guided torsional wave on hollow piezoelectric ceramic cylinders", Journal of AMSE, Vol.44, No. 3, France (1990).
Hamza A. Ali and Anwer A. Al-Inizi, "Equivalent circuit considerations of PZT ceramic torsional wave disk transducers", Journal of Electronic and computer research, Vol. 3, No.2, Iraq (1989).
Hamza A. Ali, "Computer aided design concepts", Computer Journal, NCC, Vol. 20, Iraq (1988).
Hamza A. Ali, "Supercomputers", Computer Journal, NCC. Vol. 19, Iraq (1988).
Hamza A. Ali, Gulam Haider and Raad Khair-Alla, "Computerized personal information query database system, INQ", Computer Journal, NCC. Vol. 14, Iraq (1984).
Hamza A. Ali, Gulam Haider and Raad Khair-Alla "Computer system evaluation Guidelines for buyers", Journal of the College of Science, University of Basrah, Vol. 10, Iraq (1983).
Hamza A. Ali, "New services for the Computer systems in universities", Computer Journal, NCC, Vol. 6, Iraq (1980).

الجوائز والشهادات التقديرية		
الشهادة	تاريخ	الجهة المانحة
-	-	-
-	-	-
-	-	-

الخبرات التدريسية	
المرحلة الدراسية	اسم المادة
الأولى	<b>FORTRAN Programming Languages</b>
الثالثة	<b>Algorithmic Graph Theory</b>
الثانية	<b>Discrete Mathematics,</b>
الثانية	<b>Numerical Analysis,</b>
الثالثة	<b>Artificial Intelligence.</b>
الثالثة	<b>Expert System</b>
ماجستير	<b>Computer Networks and Internet.</b>
الثالثة	<b>Neural Networks,</b>
الثالثة	<b>Pattern Recognition,</b>
الثانية	<b>Computer Organization and Architecture,</b>
الأولى	<b>Logic Circuit Design</b>
الثالثة	<b>Digital Electronics,</b>
الثاني	<b>Basic Electronics</b>
الأولى	<b>Physical Electronics,</b>
الرابعة	<b>Information System Security and Computer Network Security,</b>
ماجستير	<b>Microprocessors and Microcomputers Design*,</b>

الإشراف على الدراسات العليا	عدد الاطاريح أو الرسائل
الماجستير	6
الدكتوراه	-
دبلوم عالي	-

المؤتمرات والندوات		
المؤتمر أو الندوة	التاريخ	البلد
<b>:Papers Conference</b>		
<b>Hamza A. Ali and Adnan H. M. Al-Helali, "User Identity Disguise for University Environment E-Learning System", Proceeding of the First International Conference on Electronic Management, 1st – 4th June 2010, Tripoli, Libya,</b>		
<b>Hamza A. Ali, "Pseudo key Implementation for Multisignature", Conference on Communication and Information Technology Applications (CCITA 2010), 21st – 23rd Jan. 2010, Coimbatore, India, PP 173-178.</b>		
<b>Hamza A. Ali, Adnan, H.M.Al-Helali and Ayman, Al-Nsour, "Virtual Security Based on Elliptic Curve Approach", Proceedings of the Arab Conference on Information Technology, ACIT'2008, 16th-18th December, Tunisia (2008).</b>		
<b>Salah K. Albermani and Hamza A. Ali, " Developing Role-Based Access Control For Data Base Systems", Proceedings of the Arab Conference on Information Technology, ACIT'2008, 16th-18th December, Tunisia (2008).</b>		

<p>Buthainah Fahran Al-Dulaimi and Hamza A. Ali, "Enhanced Traveling Salesman Problem Solving by Genetic Algorithm Technique (TSPGA)", Proceeding of the world Academy of Science, Engineering and Technology", Rome 25th -27th May 2008. PP 296-302.</p>
<p>Abdulameer Husain, Salah Albermany and Hamza A. Ali, "A New Direction – Forecasting Cryptographic Keys", Proceedings of the Arab Conference on Information Technology, ACIT'2004, 12th-15th December, Algeria (2004). PP 653-659.</p>
<p>Hamza A. Ali, "Enhance Multi-Signature Scheme", Proceedings of the Arab Conference on Information Technology, ACIT'2004, 12th-15th December, Algeria (2004). PP 648-652.</p>
<p>Abdulameer Husain, Hamza A. Ali and Salah Albermany,, "Context Blind Digital Signature Scheme Based on Message Partitioning", Proceedings of the Arab Conference on Information Technology, ACIT '2003, 20th -23th Dec., Egypt (2003). PP 646-651.</p>
<p>Hamza A. Ali and Rajab Natsha, "Neural Networks Tool for Arabic Script Classification", Proceedings of the Arab Conference on Information Technology, ACIT '2003, Egypt 20th -23th Dec., Egypt (2003), PP:285-297.</p>
<p>Hamza A. Ali and Mohammad Hamada, "Feature Contents Study of Arabic Numerals Towards Automatic Recognition Model using Combined Neural Network Technique", Proceedings of the ACIT '2002 conference, Qatar, 16th - 19th Dec., Qatar (2002), PP 726-732.</p>
<p>Hamza A. Ali and Majid A. B. Mahmood, "Combined Neural Network, Neocognitron-Like Model for Character Recognition", Best Paper Book of the International Conference on Modeling &amp; Simulation in Technical and Social Science (MS'2002-Spain), 25th -27th June Spain (2002), PP 71-82, <a href="http://www.amse-modeling.org/Bestof_2002.htm">http://www.amse-modeling.org/Bestof_2002.htm</a>.</p>
<p>Hamza A. Ali and Mohammad Hamada, "A Simulation of Hand Written Characters using Neural Networks Technique", Proceedings International Conference on Neural Networks and applications, (3rd WSES NNA), Feb., Switzerland (2002), PP 23-28.</p>
<p>Hamza A. Ali, "Discrete Algorithm Variant for Digital Signature", proceedings of the Fukushima and Shanghai International Symposium on Computer and Information Technology, University of Aizu, 6th -7th Nov., Japan (2000), PP 39-41.</p>
<p>Hamza A. Ali, "Computer Security", Invited talk, University of Aizu, 9 Aug. Japan (2000), Aizu-Wakamatsu, Fukushima, <a href="http://www.u-aizu.ac.jp">www.u-aizu.ac.jp</a>.</p>
<p>Hamza A. Ali, "The Internet development and implementation", Annual specialized symposium, College of Eng., Univ. of Basrah, Iraq (1998).</p>
<p>Hamza A. Ali and Khaldoon Arif, "Shorter signature verification time with improved digital standard, DSS", 5th Iraqi computer science society conference, Iraq (1997).</p>
<p>Hamza A. Ali, "Acoustical wave guiding behavior of piezoelectric hollow rods", 2nd Basrah symposium for the mechanical Eng., Iraq (1993).</p>

**Hamza A. Ali and Abdul Muttalib Rasheed, "Fast algorithm for RSA public-key cryptosystem", 3rd National conference for computer, April, Iraq (1993).**

**Hamza A. Ali, "Mason's like equivalent circuit for piezoelectric hollow disk torsional wave transducers", 1st Basrah Electrical Engineering Symposium (BEES-92), Iraq (1992), PP 454-466.**

**Hamza A. Ali and Abdul Muttalib Rasheed, "Modified RSA scheme for digital multi signature", National conference for computer applications, Iraq (1991).**

<http://www.uobasrah.edu.iq/cvengcomhumezaa.htm>