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C.V

Full Name: Hatem Mohamed Said Ahmed Abudl-Kader

Date of Birth: 13-1-1968

Place of Birth: Alexandria-Egypt

Nationality: Egyptian

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Academic Background:

1- B.Sc. degree in electrical engineering at 1990 with grad **very good** from faculty of engineering - Alexandria University.

2- Information technology Post Graduate Diploma with grad Excellent at Institute of Graduated Studies and Research, Alexandria University.

3- M.Sc. Degree in Electrical Engineering at April 1995 from Electrical Engineering Department, faculty of engineering - AlexandriaUniversity.

4- Ph.D. degree in Electrical Engineering June 2001 from Electrical Engineering Department, faculty of engineering - AlexandriaUniversity.

5-Specialization : Artificial Intelligence, Computer Vision, NoSQL database , Big Data and Geographic Information systems

Current Work:

- **Vice dean of student affairs of faculty** of computers and information- Meniyfia University.
- **Professor in Information Systems Department**, Faculty of computers and Information, Meniyfia University- Egypt.
- Ex- Principle Investigator for Management Information System (MIS) for MeniyfiaUniversity.
- Team Leader of developers for Agriculture Economies Information System (HEEPF funded)
- Consultant for Tourism Education Enhancement- Faculty of Tourism and Hotels- MeniyfiaUniversity. (HEEPF funded)
- Consultant for large number of electrical projects (for example large buildings, hotels, resort villages and others) inside Egypt and outside Egypt.

الخبرة في مجال الجودة:

- الاشتراك في فريق زيارة الاعتماد (عضو فريق) لكلية الحاسبات و المعلومات جامعة اسيوط - مايو 2015
- الاشتراك في فريق زيارة الاعتماد (عضو فريق) لكلية الحاسبات و المعلومات جامعة الفيوم - مايو 2016
- الاشتراك في فريق زيارة الاعتماد (عضو فريق) لكلية الحاسبات و المعلومات الجامعة البريطانية - مايو 2016
- الاشتراك في فريق زيارة الاعتماد (عضو فريق) المعهد العالي للهندسة بالمنصورة- مايو 2018

- حضور دورة المراجعين لفريق المراجعة الجودة في مارس 2015
- عضو فريق الجودة اثناء مشروع الجودة الخاص بكلية الحاسبات و المعلومات جامعة المنوفية
- تدريس مقرر ضبط الجودة في كلية الحاسبات و المعلومات ثلاث اعوام اكااديمية اخرها العام الحالي 2014-2015
- مراجع خارجي لبرنامج نظم المعلومات – حاسبات حلوان
- مراجع خارجي لبرنامج نظم المعلومات – حاسبات بنها
- مراجع خارجي لبرنامج نظم المعلومات – حاسبات جامعة المستقبل
- مراجع خارجي لبرنامج الدراسات العليا بقسم حاسبات و تحكم هندسة طنطا
- القيام بمشروعات تخرج عن الجودة كلية الحاسبات و المعلومات جامعة المنوفية
- " Six Sigma for software Quality - مواتر البحث العلمي و الصناعة جامعة المنوفية نشر بحث اكايمي بعنوان " Systems

الخبرة في مجال التحكيم للترقيات لجنة الحاسبات و المعلومات

- تحكيم ملفات الترقي لعدد 18 من اعضاء التدريس لدرجة استاذ و درجة استاذ مساعد
- محكم حاليا في اللجنة القومية للترقيات في الحاسبات و المعلومات في الفترة 2019-2022

-Technical and professional Experience:

1- Lecturer at the following courses during Academic year 2004-2019

- Computer Vision – Image processing- Knowledge Base Systems
- Computer and Network Security - Virtual reality
- System Analysis and Design - Artificial Intelligence
- Operating systems - Information systems Quality - Principle of Management

At faculty of Computers and Information, Monfiya University, Faculty of Engineering and Tanta University, Faculty of Engineering Kafar Elshiek University and Faculty of Engineering , Monfiya University

2- Lecturer in Arab Academy for science and technology(Faculty of Computers and Information technology) Courses

- Introduction to Computers (CC111)
- Structured Programming (CC112)
- Visual programming (CC114)
- Computer graphics (Post Graduate Program)
- Virtual reality
- Geographic Information systems (GIS)
- Artificial Intelligence
- Human computer Interaction
- Decision Support Systems
- Strategic Management

3- Lecturer in Modern Academy Elmadi (Distributed Systems and Algorithms)

Published papers

1- All My papers can be accessed at **researchgate** link (183 Research item paper)

https://www.researchgate.net/profile/Hatem_Abd_Elkader/research

القائمة الكاملة للابحاث موجود علي Researchgate

Journals and Periodicals:

- [1] D. Salam, **H. M. Abdul –Kader** and M. Hadhoud " Studding the effects of Most common Encryption Algorithms " The International Arab Journal of e-Technology , Volume 2, Number 1, pp 1-10, ISSN 1997-6364, 2011
- [2]**H. M. Abdul –Kader**" e-learning systems in virtual Environment" International Arab Journal of Information Technology , Volume 8, Number 1,pp. 16-22, ISSN 1683-3198, 2011
- [3]M. Sherif and**H. M. Abdul –Kader**" Novel Robust Multilevel 3D Visualization Technique for Web Based GIS " International Arab Journal of Information Technology , Volume 8, Number 1,pp. 59-65, ISSN 1683-3198, 2011
- [4]D. Salam, **H. M. Abdul –Kader** and M. Hadhoud " Evaluating of Symmetric Encryption Techniques" International Journal of Network Security , Volume 10, Number 3, pp. 213-219, May 2010.
- [5]**H. M. Abdul –Kader** ,M.Hassan, and M. Hadhoud “Knowledge Discovery in Distributed Negative Database” International Journal of Intelligent Computing and Information Science, Vol. 12, No. 2, pp.55-67,2012
- [6]**H. M. Abdul –Kader** ,M.Hassan, and M. Hadhoud “ Data Mining in Negative Database” International Journal of Intelligent Computing and Information Science, Vol. 9, No. 3, pp.34-40,2011.
- [7]M. Hadhoud, **H. M. Abdul –Kader** , and A.S. Eldaly “ Novel Structure for Secure Mobile agent System in E-commerce Application” International Journal of Intelligent Computing and Information Science, Vol. 9, No. 3, pp.91-103,2011.
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- [9]S.A. Abdelkareem and **H. M. Abdul –Kader**"Threat Mitigation and Voter Verification E-voting System "International Journal of Intelligent Computing and Information Science, Vol. 12, No. 2, pp.173-192, 2012
- [10] K. Alsheshtawi, **H. M. Abdul –Kader** and N.A. Ismail "Artificial Immune clonal selection algorithms: A Comparative Study of CLONALG, opt-IA and BCA with Numerical Optimization Technique" International Journal of Computer Science and Network Security, IJCSNS Volume 10, Number 4, pp 24-30, ISSN 1738-7906, April 2010.
- [11] K. Alsheshtawi, **H. M. Abdul –Kader** and N.A. Ismail "Artificial Immune clonal selection classification algorithms for Classifying Malware and Benign Processes Using API call " International Journal of Computer Science and Network Security, IJCSNS Volume 10, Number 4, pp 31-39, ISSN 1738-7906, April 2010
- [12] **H. M. Abdul –Kader** and M. Abdul-salam " Evaluation of Differential Evolution and Particle Swarm Optimization Algorithms at Training of Neural Network for Stock Predication" The International Arab Journal of e-Technology , Volume 2, Number 3, ISSN 1997-6364, 2012
- [13] E.M. Mohamed, **H. M. Abdul –Kader** and S. El-Etriby " Data Security Model for Cloud Computing " Journal of Communication and computer , Volume 10, number 8, pp. 1047-1062, ISSN 1548-7709 (print), ISSN 1930-1553 (online), August 2013.
- [14]] K. Alsheshtawi, **H. M. Abdul –Kader** and A.B. Elsi " A Novel Artificial Immune clonal selection Classification and rule Mining With Swarm Learning model" Connection Science , Volume 25, Issue 2-3, ISSN 0954-0091,Taylor & Francis, June-September 2013.
- [15] N. Semary, M. Hadhoud,**H. M. Abdul –Kader** and A. Abbas "Novel Compression System for Hue-Saturation and Intensity color Space" International Arab Journal of Information Technology" Volume 10, Number 6, pp. 546-552, ISSN: 1683-3198, November 2013.
- [16] D. Salama , **H. M. Abdul –Kader** and M. Hadhoud" Evaluating the Effects of Cryptography Algorithms on Power Consumption for Different Data Types ".International Journal of Network Security (IJNS),VOL.11 No.2, pp: 91- 100, Sep 2010.

- [17] D. Salama, **H. M. Abdul –Kader** and M. Hadhoud , " Evaluation the Effects of Cryptography Algorithms on Power Consumption for Wireless Devices," International Journal of Computer Theory and Engineering (IJCTE), VOL.1 No.4, pp: 360- 369, October 2009. (ISSN: 1793-821X).
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- [19] D. Salama , **H. M. Abdul –Kader** and M. Hadhoud and M.S. Salah, " GPS Test Performance: Elastic Execution Applications between Mobile Device and Cloud to Reduce Power Consumption", IJCSNS Inter. J. Computer. Science and Network Security, VOL.13 No.12, December 2013, 6-13
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- [2]E.M.Mohamed, **H. M. Abdul –Kader** and Sherif El-Etriby “ Modern Encryption Techniques for cloud Computing Randomness and performance Testing “ ICICIS, 12-14 March ,2012, Cairo, Egypt.
- [3]E.M.Mohamed, **H. M. Abdul –Kader** and Sherif El-Etriby “Enhanced Data Security Model for Cloud Computing” INFOS 2012, 4-16 May 2012, Cairo University, Egypt
- [4] **H. M. Abdul –Kader** ,M.Hassan, and M. Hadhoud “ Negative Database Authentication Using SAT Like Method” INFOS 2012, 4-16 May 2012, Cairo University, Egypt.
- [5]R.M. Hussein, **H. M. Abdul –Kader** and W.F. AbdEl-Wahed, W. “ New encryption schema based on swarm intelligence chaotic map” The 7th International Conference on Information and Systems (INFOS), Cairo-Egypt, 28-30 March 2010.
- [6] G. Hamissa, **H. M. Abdul –Kader** , A. Sarhan and M. Fahmy "Development of Secure Encoder-Decoder for JPEG Images " International Conference Computer Theory and Applications, 23-25 October 2010, ICCTA 2010, Alexandria-Egypt
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“An Efficient Negative Selection Anomaly Detection Methodology Based on Metaheuristic Methods “Sixth International Conference on Intelligent Computing and Information Systems (ICICIS 2013), Faculty of Computer and Information Sciences, Ain Shams University , December 14-16, 2013, Cairo, Egypt
- [17] E. Elabd , E. Alshari , and **H. M. Abdul –Kader** ” Boolean Information Retrieval Based on Semantic”Sixth International Conference on Intelligent Computing and Information Systems (ICICIS 2013) ,Faculty of Computer and Information Sciences, Ain Shams University ,December 14-16, 2013, Cairo, Egypt
- [18]E. Elabd , E.Alshari , and **H. M. Abdul –Kader** “ Arabic Vector Space Model based on Semantic” Sixth International Conference on Intelligent Computing and Information Systems (ICICIS 2013), Faculty of Computer and Information Sciences, Ain Shams University December 14-16, 2013, Cairo, Egypt
- [18] M. M.Hadhoud, **H. M. Abdul –Kader** abd A. S. Eldaly " Mobile Agent Security" International conference of Information, 4-6 December 2010, Delta University, Gamasa, Mansoura- Egypt, 2010.
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[7] **H. M. Abdul –Kader** “Neural Networks Training Based on Differential Evolution Algorithm Compared with Other Architectures for Weather Forecasting” **IJCSNS International Journal of Computer Science and Network Security, VOL.9 No.3, pp. 92-99, March 2009,** “Also it is published in **Fourth International Conference on Intelligent Computing and Information Systems, ICICIS, CD Proceeding pp. 330-338, March 2009.**

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[9] M.E. Abdul Salam, , **H.M, Abdul-Kader** and W.F. AbdWahed, “Training Feed-Forward Neural Networks With Hybrid Differential Evolution Algorithm For Stock Price Prediction” **Fourth International Conference on Intelligent Computing and Information Systems, ICICIS, CD Proceeding pp. 330-338, pp.457-462, March 2009. (Best paper in the session)**

[10] **H. M. Abdul –Kader** “Fuzzy Knowledge Base System for Fault Tracing of Marine Diesel Engine” **Fourth International Conference on Intelligent Computing and Information Systems, ICICIS, CD Proceeding, pp 522-527, March 2009.**

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“ Also it is published in International Journal of computers and Information, faculty of Computers and Information, Menoufiya University, Vol.2, No1, January 2009”.

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[19] **H. M. Abdul-Kader**, A. B. El-Sisi, K. A. Mostafa, Imbaby I. Mahmoud, "Implementation of Real-Time Simulator for Dynamic Systems", **International Journal of computers and Information, faculty of Computers and Information, Menoufiya University, Vol.1, No1, pp. 75-85. in July 2007**

[21] M. Amin, **H. M. Abdul-Kader**, AymanMousa, and N. El Ramaly "Query Optimization Based on Time Scheduling Approach" **ICCTA 2007 ,September 2007, Alexandria, Egypt.**

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أبحاث من رسالتي الماجستير و الدكتوراة

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[2] JO.A . Sbakey, H.A.Yousef, **H.M.Abdul-kader** ' Identification of linear discrete time systems using linear recurrent neural networks' ISIE'96 , Warso Poland, June 17-20, 1996

[3] I.F.El-Arabawy, M.Z.Mostafa, H.A.Yousef, **H.M.Abdul-kader** " Parameters estimation of nonlinear models of DC motors using neural networks" IEEE international conference on Industrial Electronics , Control and Instrumentation , IECON 2000, pp.1997-2000, Japan.

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