

CURRICULUM VITAE (C.V.)



PERSONAL DATA :

NAME : Hossam Eldeen Ibrahim Ali
ADDRESS : مجاورة ٣ شارع ٧٨ منزل ٢٧ - المشروع الأمريكي - حلوان
TEL : 012 / 4466316 (MOBILE) .
DATE AND PLACE OF BIRTH : 1, Abril, 1977 , Sohag.
NATIONALITY : Egyptian .
RELIGION : Moslem. **GENDER** : Male .
MARITAL STATUS :Married.
MILITARY STATUS : Exempted .

QUALIFICATIONS:

- 1) **B.Sc. Communications & Electronics Engineering, FACULTY OF Engineering**
UNIVERSITY : Helwan
GRADUATION GRADE : Excellent
GRADUATION YEAR : May 2000
- 2) **M.Sc. Computer Engineering, Faculty of Engineering**
UNIVERSITY : Helwan
GRADUATION YEAR : 2004
- 2) **Ph.D. Computer Engineering, Faculty of Engineering**
UNIVERSITY : Helwan
GRADUATION YEAR : 2009

LANGUAGE :

English (Very Good) in Reading & Speaking& Writing
Local Toefl (AMIDEAST) 527 marks (first round)

List of Publications:

=====M. Sc.=====

- [1] H. I. Ali, M. A. Ismail, M. I. El-Adawy and E. M. Saad, "An Improved Arabic Morphological Analyzer [IAMA]", 27th International Conference for Statistics, Computer Science and its Applications, April 13-18 . 2002, pp. 459- 466.
- [2] H. I. Ali, M. A. Ismail, M. I. El-Adawy and E. M. Saad, "An Arabic to English Machine translation system using QLF", 21st International Conference for Artificial Intelligence and its applications, February 5-8 . 2003, pp. 459- 466
- [3] H. I. Ali, M. A. Ismail, M. I. El-Adawy and E. M. Saad, "An Arabic to English Machine translation system", The fourth Conference on Language Engineering CLE' , October 21-22. 2003, pp. 164- 178

=====PHD=====

- [4] E. M. Saad, M. H. Awadalla, A. M. Hamdy, H. I. Ali, "A distributed algorithm for robot formations using local sensing and limited range communications", The fourth Conference on Innovative Production Machines and Systems IPROMS., July 1-14. 2007.
- [5] E. M. Saad, M. H. Awadalla, A. M. Hamdy, H. I. Ali, "Robot Formations using Local Sensing and limited Range Vision", The 25th National Radio Science Conference (NRSC2007), March 18-20. 2008.
- [6] E. M. Saad, M. H. Awadalla, A. M. Hamdy, H. I. Ali, Multi Target Tracking using a Compact Qlearning with a Teacher, The 2008 International conference on Computer Engineering & Systems (ICCES,08), Nov. 25-27, 2008.
- [7] E. M. Saad, M. H. Awadalla, A. M. Hamdy, H. I. Ali, A Distributed Controller for Roaming Robot Formations using Local Sensing and Limited Range Communications, The 7th WSEAS International Conference on COMPUTATIONAL INTELLIGENCE, MAN-MACHINE SYSTEMS and CYBERNETICS (CIMMACS '08), December 29-31, 2008.
- [8] E.M. Saad, M.H. Awadalla, A. M. Hamdy and H. I. Ali, "Efficient Distributed Controller for Robot Formations using Local Sensing and limited Range Communications", International Journal of Computers, Vol. 2, Issue 3, pp 330-339, 2008.
- [9] E.M. Saad, M.H. Awadalla, A. M. Hamdy and H. I. Ali, "Multi-Target Tracking using Human Teachable Robots", International Journal of Computers, Vol. 2, Issue 4, pp 479-488, 2008.
- [10] E. M. Saad, M. H. Awadalla, A. M. Hamdy, H. I. Ali, "Multi-Target Tracking using a Compact Q-Learning with a Teacher", The 26th National Radio Science Conference (NRSC2007), March 17-20. 2009.

Academic Courses Taught

1. **Operating Systems Concepts**
2. **Artificial intelligence**
3. **Digital Electronics**
4. **Computer Architecture**
5. **Microprocessors and Micro-controllers**
6. **Computer Interfacing**
7. **Data Structures and algorithms**
8. **Digital Image Processing**
9. **Object Oriented Programming**

Training Courses Instructed

1. **Java programming**
2. **8051 micro-controller**
3. **z80 micro-processor**
4. **Orcade (simulation and PCB layout design)**
5. **Visual basic 6**
6. **Practical Digital Electronics**

PROGRAMMING LANGUAGES :

1. **Java**
2. **Visual Prolog**
3. **C++**
4. **VISUAL BASIC 6.**
5. **VISUAL BASIC .net.**
6. **Matlab**

Other Skills

- **Experience in the design and implementation of Embedded Systems.**
- **Robotics**
- **Computer interfacing applications (parallel, serial ports)**

Faculty administration Activities:

- **Participation in Department Schedule preparation**