***Curriculum Vitae***

**Hind Saleem Harba**

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**Personal Summary:**

* I am a member of the teaching staff at Al-Mustansiriyah University College of Science, Department of Atmospheric Sciences since 2001 till now, working as a lecturer.
* I am specialized in software computing.
* I am interested in software computing (genetic, neural network, fuzzy),simulated annealing, weather prediction, encryption and decryption, and other topics

**Education:**

* M.Sc. #2: [2002-2005] from Al-Mustansiriyah University, College of science, department of Computer Sciences specialized in Genetic Algorithm
* B.Sc. #3: [1993-1997] from Baghdad University, College of Education, department of Computer Sciences.

**ACADEMIC HONORS AND AWARDS:**

I got many letters of appreciation and acknowledgement.

**ACADEMIC /TEACHING EXPERIENCE:**

* **At Al-Mustansiriyah University College of science, department of Atmospheric Sciences:**
* #1: Laboratory of Programming language (Basic) (2000-2001).
* #2: Lecturer in Operating systems (MS-DOS &WINDOWS) (2006-2007).
* #3: Laboratory of Operating systems (MS-DOS &WINDOWS) (2006-2007).
* #4: Laboratory of Programming language (Turbo Pascal) (2007-2008).
* #5: Laboratory of Programming language (C++) (2008-2009).
* #6: Laboratory of Programming language and numerical analysis by using Matlab (2009-2010), (2013-2014), (2014-2015), (2015-2016).
* Lecturer Theoretical Numerical Analysis (2008-2010)
* Lecturer Theoretical Programming language)fortran ) (2014-2015)(2015-2016)
* Lecturer Theoretical fundmantal of computer (2014-2015)(2015-2016)
* **At Al-Mustansiriyah University College of Education, department of Computer Sciences:**
* Lecturer in Theoretical Computation theory.
* **At Al-Mustansiriyah University College of science, department of Mathematics:**
* Laboratory of Programming language and numerical analysis by using Matlab

**COURSES TAUGHT:**

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| **Undergraduate** | **Graduate** |
| * Computation theory * Programing languages. * Operating systems * Numerical analysis |  |

**PROFESSIONAL AFFILIATIONS:**

* Worked as a member in the examination Committee in 2009.
* Worked as a member in the Educational Guidance Committee in 2015.
* Worked as a member in the Committee of Quality Assurance (2014-2016)
* In addition to some other committees.

**PUPLICATIONS:**

* **Hind Saleem Ibrahim Harba**, Eman Saleem Ibrahem Harba, 2015: Voice Recognition with Genetic Algorithms Two Modules Crossover and Mutation ", International Journal of Modern Trends in Engineering and Research (IJMTER), Volume 9, Issue 12, [Month – 2015] ISSN (Online):2349–9745; ISSN (Print):2393-8161.
* **Hind Saleem Ibrahim Harba**, 2016: Predict the Average Temperatures of Baghdad City by Used Artificial Neural Network", ISSN: 2248-9622, Vol. 6, Issue 9, (Part -1) September 2016, pp.55-61 Int. Journal of Engineering Research and Application, [www.ijera.com](http://www.ijera.com).
* **Hind Saleem Ibrahim Harba**, 2015: Multi-Level Security of Website: A Review of Use Multitier System with Many Password Encryption Method, International Journal of Computer Science and Mobile Computing( IJCSMC), Vol. 4, Issue. 8, pp. 246 – 258.
* **Hind S. Ibrahim**, 2009: Advanced Weighted Digital Learning Networks (AWDLNs) ", Al- Mustansiriyah J.Sci- Vol. 20, No 1.
* **Hind S. Ibrahim**, 2008: Comparison Between Genetic Algorithm and adaptive Simulated Annealing in Training Neural networks", Al- Mustansiriyah J.Sc, Vol9. No 6.
* Sabah.N.baldawi,Asraa Khtan,**Hind.S.Harba**, 2013:" Areal Quantification changes Assessment in Ibn Najam Marsh(Southern Iraq) using Multi temporal Multi spatial and Multispectral Satellite " Al-baldawi et.al Iraqi Journal of Science Vol 54.No.2.pp 468-474
* **Hind Saleem Ibrahim Harba,**Thekra Abbs, Eman Saleem Ibrahem Harba, 2016:" Randomly Encryption- Decryption Using Genetic Algorithm and ASCII code16, Issue: 2016/14 Iraq, Kut University College, research, studies and Publishing Center
* **Hind Saleem Ibrahim Harba**, Eman Saleem Ibrahem Harba," An Approach to Hand written Numbers Detection with Use of Back Propagation Neural Networks", The eleventh Scientific Conference of the Foundation of Technical Education- Engineering Research, March 24, 2009

### Hind Saleem Harba, 2005:" Genetic-Local Hybrid Optimizer for Solving Layout Problem", [Al-Rafidain University College For Sciences](https://www.google.iq/url?sa=t&rct=j&q=&esrc=s&source=web&cd=1&cad=rja&uact=8&ved=0ahUKEwi_nKD0oeXRAhUIDJoKHWKTDH8QFggYMAA&url=http%3A%2F%2Fwww.iasj.net%2Fiasj%3Ffunc%3Dissues%26jId%3D242%26uiLanguage%3Dar&usg=AFQjCNFfFtcD714LGglTJr1TujCe414OCA&sig2=zBMbFpbo7SKUs5X7IlMcyA&bvm=bv.145822982,d.bGs), Iraq - Baghdad, Issue: Eng. / 194

* **Hind Saleem Harba**,2007" Genetic-Local Hybrid Optimizer for Solving Layout Problem", Journal of College Science / University of Mustansiriyah, Iraq -Baghdad, Number 13
* **هند سليم ابراهيم حربه**,ايمان سليم ابراهيم حربه," تصميم برنامج للمقارنة بين بيانات المواقع المناخية العالمية وتقاربها وهيئة الانواء الجوية", ,العراق,كلية الكوت الجامعة,مركز البحوث والدراسات والنشر التاريخ:5/6/2016العدد:م.ك/2016/12
* **PROFFESSIONAL DEVELOPMENT**
* **Certifications:**
* IC3 (Internet and Computing core certification)
* **Conferences:**

The eleventh Scientific Conference of the Foundation of Technical Education- Engineering Research, March 24, 2009

* **Skills:**
* I have a good experience in operating systems including Windows and some programming languages such as Matlab, Delphi, Pascal, and Fortran