



Dr. Ahmed Salim

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Summary

Computer science stuff with over 14 years in research and teaching especially in network areas. Thoroughly understands the learning process and works hard to adapt methods and use various teaching styles. Bilingual educator offering skill in communication, leadership and organization. Head of computer science department with 3 years of experience.

Personal Profile

Full Name	Ahmed Abd-Elftah Ahmed Salim
Date of Birth	20 December 1980
Nationality	Egyptian
Marital Status	Married and has two sons and one daughter.
Position	Lecturer

Work History

January 2002 to January 2007	Demonstrator Faculty of Science, Zagazig University, Egypt Demonstrator of Computer Science <ul style="list-style-type: none">▪ Taught introductory and upper level courses in Computer Networks Lab, Computer Programming lab, Computer Programming II lab and Concepts of Algorithms lab.▪ Supervised and evaluated students' laboratory work.▪ Guided students in using technology to support educational research.▪ Demonstrated a continued commitment to undergraduate teaching through full participation in the college community.
February 2007 to January 2008	Assistant lecturer Faculty of Science, Zagazig University, Egypt Assistant lecturer of Computer Science <ul style="list-style-type: none">▪ Led class instruction in Computer Networks and Computer Networks II when instructor was absent.▪ Taught introductory and upper level courses in Computer Networks Lab, Computer Programming lab, Computer Programming II lab and Concepts of Algorithms lab.▪ Supervised and evaluated students' laboratory work.▪ Guided students in using technology to support educational research.▪ Demonstrated a continued commitment to undergraduate teaching through full participation in the college community.

January 2008 to November 2010	Ph.D. Student Univeristiy of Telecommunication, Saint-Petersburg, Russian Ph.D. Student of wireless communication <ul style="list-style-type: none"> Studied the new areas in wireless communication. Wireless Sensor Networks area was selected Defined the core topics under this study and surveying the published previous work. Suggesting solutions to the problems. My thesis was finished and three paper was published In addition, various courses in networking were studied
December 2010 to January 2013	Lecturer Faculty of Science, Zagazig University, Egypt Lecturer of Computer Science <ul style="list-style-type: none"> Taught introductory and upper level courses in most of computer science subjects especially in network at many faculties like (Faculties of Computing and Information in Zagazig University, Ismailia University, and Arish University). Served on three college committees and acted as Consultant of networks committee in Zagazig University. Supervising of two Master and one Ph.D.
January 2013 to Current	Assistant Professor College of Sciences and Arts, Qassim University, KSA Assistant Professor and Head of computer science department <ul style="list-style-type: none"> An active member of the Faculty Executive Board and contribute to the overall leadership and management of the Faculty. Develop and sustain appropriate structures for management, consultation, decision-making and communication with staff and students. Promote and represent the University both internally and externally ensure the best possible student experience create a dynamic and forward looking research environment for both staff and students

Education

Very Good	Bachelor of computer science Faculty of Science, Zagazig University, Egypt
2006	M.Sc : Distributed Database Faculty of Science, Zagazig University, Egypt
2010	Ph.D. : Wireless Sensors Network The Bonch-Bruvich Saint-Pertersburg state Univeristiy of Telecommunication, Saint-Petersburg, Russia.

List of courses

Network	Computer Networks Network Administrator Wireless Network Administrator	Computer Networks II Network Professional Wireless Network Professional
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Others	Computer Programming	Computer Programming II
	Programming Languages	Computer Programming III
	Concepts	
	Database	Advance Database
	Web Technologies	Artificial Intelligence
	Logic Design	Concepts of Algorithms
	Computer Organization	Assembly Language
	Operating Systems	Data Structures
	Systems Programming	Compiler Design
	Software Engineering	Algorithms Analysis & Design
	Parallel and Distributed	Operations Research
	Computing	

Skills

Course planning	Creative instruction style
Fluent in [Arabic and English and Russian languages]	Extensive knowledge of [all network courses]
E-learning programs	Classroom discipline
Effective time management	Group learning mechanics
Project planning	Team building
Conference presentation	Project cost planning
Strong collaborator	Personable and approachable

Publication

- [1] A. M. Khedr and A. Salim, “**Decomposable Algorithm for k-Nearest Neighbors Computing**”, **Journal of Parallel and Distributed Computing**”, Volume 68 Issue 7, July, 2008, Academic Press, Inc. Orlando, FL, USA.
- [2] A. M. Khedr and A. Salim, “**Decomposable Algorithm for k-Nearest Neighbors Computing**”, Asuit University Journal of Mathematics and Computer Science.
- [3] A. Koucheryavy and A. Salim, “**Cluster head selection for homogeneous Wireless Sen-sor Networks**”, in: Advanced Communication Technology, 2009. ICACT 2009. 11th International Conference IEEE, Phoenix Park, Korea.
- [4] A. Koucheryavy and A. Salim, “**Cluster-based perimeter-coverage Technique for He-terogeneous Wireless Sensor Networks**”, in ICUMT 2009 International Conference IEEE on Ultra Modern Telecommunications, Saint-Petersburg, Russian.
- [5] A. Koucheryavy and A. Salim, “**Prediction-based Clustering Algorithm for Mobile Wireless Sensor Networks**”, in: Advanced Communication Technology, 2010. ICACT 2010. 12th International Conference IEEE, Phoenix Park, Korea.
- [6] Ahmed Salim, Walid Osamy and Ahmed M. Khedr, “**IBLEACH: intra-balanced LEACH protocol for wireless sensor networks**” in Wireless Networks (Springer) - ISSN: 1022-0038 (Print) 1572-8196 (Online), 2014
- [7] Ahmed Salim and Walid Osamy, “**Distributed multi chain compressive sensing based routing algorithm for wireless sensor networks**” in Wireless Networks (Springer) - ISSN: 1022-0038 (Print) 1572-8196 (Online), 10.1007/s11276-014-0852-5, 2014
- [8] WALID OSAMY, AHMED SALIM and AHMED AZIZ1 “**Efficient Compressive Sensing based Technique for Routing in Wireless Sensor Networks**” in INFOCOMP, v. 12, no. 1, p. 1-9, June 2013.
- [9] Ahmed Aziz, Ahmed Salim and Walid Osamy “**Sparse Signals Reconstruction Via Adaptive Iterative Greedy Algorithm**” in International Journal of Computer Applications (0975 8887) Volume 90 - No. 17, March 2014.

- [10] Ahmed Salim and Akram El Khatib “ **An Evaluation of Mobility Effect on Tiny Service Discovery Protocol for Wireless Sensor Networks**” in INTERNATIONAL JOURNAL OF COMPUTERS & TECHNOLOGY, Vol. 14, No. 1, November 06, 2014 .
- [11] Ahmed Salim and Asmaa Ahmed “**Impact of using Mobile Sink on Hierarchical Routing Protocols for Wireless Sensor Networks**” in International Journal of Computer Applications, Volume 113 - No. 19, March 2015 .
- [12] Ahmed Salim and Asmaa Ahmed “**A comparative study of chain based routing algorithms in wireless sensor networks**” in INTERNATIONAL JOURNAL OF COMPUTERS & TECHNOLOGY, Vol. 15, No. 13, November , 2016 .
- [13] Ahmed Salim and Hager Ramdan “**An Efficient Distributed Collaborative Camera Actuation Algorithm for Redundant Data Elimination for Event Detection and Monitoring in Wireless Multimedia Sensor Networks**” in International Journal of Computer Applications, Vol. 155, No. 6, November , 2016 .
- [14] Ahmed Salim and Hager Ramdan “**Clustering Algorithm Based on the Direction of Overlapping Field of Views for Wireless Multimedia Sensor Networks**” in Journal of Computational and Theoretical Nanoscience, Vol. 14, No. 1, January 2017, pp. 685-693(9).
- [15] Ahmed Salim and Asmaa Ahmed “**Effective Chain-Based Routing Algorithm for Wireless Sensor Networks**” in Journal of Computational and Theoretical Nanoscience, Volume 14, Number 1, January 2017, pp. 728-735(8) .