

# Curriculum Vitae



**Dr. Ahmed Younes Hamed**

Personal Information			
<b>Name</b>	Ahmed Younes Hamed	<b>Nationality</b>	Egyptian
<b>Current Job</b>	Professor	<b>Mobile Whatsapp</b>	+201003277213
<b>General Specialty</b>	Computer Science	<b>E-mail</b>	<a href="mailto:a.yhamed@yahoo.com">a.yhamed@yahoo.com</a> <a href="mailto:ayhamedd@gmail.com">ayhamedd@gmail.com</a>
<b>Specialization</b>	Artificial Intelligence	<b>Employer</b>	Sohag University, College of Computers & Information

Academic Qualification						
No	Qualification	Date	G. S	Spec.	Awarding University	State
1	Professor	2013	Computer Science	Artificial Intelligence	Sohag	Egypt
2	Associate Prof.	2006	Computer Science	Artificial Intelligence	Sohag	Egypt
3	Ph. D	1996	Computer Science	Artificial Intelligence	South Valley	Egypt
4	Master	1990	Computer Science	Software Engineering	Assiut	Egypt
5	Bachelor	1985	Science	Mathematics	Assiut	Egypt

<b>Experiences</b>				
<b>No</b>	<b>Job</b>	<b>Date</b>	<b>Empolyer</b>	<b>State</b>
1	Demonstrator of computer science	1987-1990	Assiut Uni.	Egypt
2	Lecturer of computer science	1990-1995	Assiut Uni.	Egypt
3	Assist. Prof. of computer science	1996-2002	South Valley Uni.	Egypt
4	Assist. Prof. of computer science	2003-2005	King Fisal university.	Saudi Arabia
5	Associate. Prof of computer science	2006-2012	Dammam university	Saudi Arabia

<b>Managerial expertise and membership of committees</b>				
<b>No</b>	<b>Job</b>	<b>Date</b>	<b>Empolyer</b>	<b>State</b>
1	Director of Network Communications and Information Systems	1996-1999	South Valley Uni.	Egypt
2	Scientific Committee	2003-2008	Dammam university	Saudi Arabia

<b>Research Interest</b>	
1	Artificial Intelligence.
2	Computer Networks

<b>Published Literature (Continued)</b>				
<b>No</b>	<b>Author</b>	<b>Title</b>	<b>Journal</b>	<b>Year</b>
1	M. Ghonemy, K. Eldashan A. Younes,	Comparative study among the uncertain method of the knowledge – based systems.”	21st. International Conference on statistics, computer science and applications.	1996
2	M. Ghonemy, K. Eldashan A. Younes	Verification and validation of knowledge based systems.	Conference on statistics, computer science and applications	1996
3	A. Younes M. Hasanen	An approach to the verification and correction of knowledge-based system	Egyptian computer science journal, Vol 22, No. 1	2000

4	A. Younes, M. R. Girgs	Data flow testing of knowledge-based systems. 1.	Egyptian computer science journal, Vol 23, No. 1.	2001
5	A. Younes M. Hasanen,	An approach to find an optimum design network using genetic algorithm.	Egyptian Computer Science Journal, Vol. 23, No. 1	2001
6	A. Younes	A Genetic algorithm for optimal design of reliable networks	Egyptian Informatics Journal, Egyptian, Vol. 4, No. 2.	2003
7	M. R. Girgs, A. Younes,	A Tool for computing the reliability of computer network.	Egyptian Informatics Journal, Egyptian, Vol. 5, No. 1.	2003
8	Y. B. Mahdy, A. Younes, et al	A modified algorithm for computing the upper- bound reliability of computer networks., December, 2003	”, Scientific Bulletin Ain Shams University Faculty of Engineering, Vol. 38, No. 4	2003
9	A. Younes	Topological optimization of a communication networks using genetic algorithms	Egyptian Informatics Journal, Egyptian, Vol. 4, No. 2.	2004
10	M. R. Girgs, A. Younes, M. Hasanen	An approach to find an optimal network design using a genetic algorithm and fuzzy optimization.	Scientific Bulletin Ain Shams University Faculty of Engineering, Vol. 39, No. 3	2004
11	A. Younes	The spanning tree and computer networks reliability.	Egyptian Informatics Journal, Vol. 7, NO. 2.	2006
12	A. Younes, M. R. Girgs, M. Hasanen	Optimizing Cost and Reliability of Computer Networks by Using Genetic Algorithm With Fuzzy Optimization.	Egyptian Informatics Journal, Vol. 8, No. 2	2007
13	A. Younes, M. R. Girgs, M. Hasanen	Optimizing The Performance-Based Reliability For Computer Networks By Using Fuzzy Optimization With Genetic Algorithms, mathematics.	International Journal of computation and applied, Vol. 2, No. 2.	2007

14	A. Younes, M. R. Girgs, M. Hasanen	Optimizing The Transmission Delay of a Computer Network by Using Fuzzy Optimization with Genetic Algorithms,	International journal of intelligent computing and information science, Vol. 8, No. 1	2008
15	A. Younes, M. Hasanen	Optimizing the Average Network Throughput with Evolutionary Algorithms.	, International journal of intelligent computing and information science, Vol. 8, No. 1.	2008
16	A. Younes, M. Hasanen	Optimizing the Average Network Throughput with Evolutionary Algorithms.	International journal of intelligent computing and information science, Vol. 8, No. 1.	2008
17	A. Younes, M. R. Girgs, M. Hasanen	An Algorithm for Computing the Throughput of The Computer Networks.	Egyptian Informatics Journal, Vol.10, NO. 1.	2009
18	A. Younes	A Genetic Algorithm for Finding the K Shortest Paths in a Network,	Egyptian Informatics Journal, Vol.10, NO. 2..	2010
19	AbdEl-Aziz, A. Younes, M. Hasanen, H. Saleem	Optimizing the Average Network Distributed Program Throughput (ADPT) By Using Genetic Algorithms,.	International journal of intelligent computing and information science, Vol. 10. No. 1.	2010
20	A. Younes, M. Hasanen	A Genetic Algorithm for Reliability Evaluation of a Stochastic-Flow Network with Node Failure,	International Journal of Computer Science and Security (IJCSS), Vol.4, No.6.	2011
21	A. Younes	Multicast Routing with Bandwidth and Delay Constraints Based on Genetic Algorithms.	Egyptian Informatics Journal, Vol.11, No. 2, 2011.	2011
21	A. Younes	An Ant Algorithm for Solving QoS Multicast Routing Problem,	International Journal of Computer Science and Security, (IJCSS), Vol. 5	2011
22	A. Younes M. Hasanen	An Efficient Algorithm to Find the Best Optimal Path in WDM Optical Networks.	Advances in Computational Sciences and Technology Vol. 4.	2011
23	A. Younes	Minimizing the Broadcast Routing in the Computer Networks,	International Journal of Computer Engineering	2012

			Science (IJCES) Vol. 2 Issue 3.	
24	Abd El-Aziz, <b>A. Younes</b> , M. Hasanen, H. Saleem.	Optimizing the Average Distributed System Throughput (ADST) by Using Genetic Algorithms,	Advances in Computational Sciences and Technology Vol. 4, No. 4.	2012
25	<b>A. Younes</b>	Task allocation for minimizing cost of distributed computing systems using genetic algorithm,	International Journal of Advanced Research in Computer Science and Software Engineering, Vol. 2, Issue 9.	2012
26	<b>A. Younes</b>	Task Allocation for Maximizing Reliability of Distributed Systems Using Genetic Algorithms.	International Journal of Computer Networks and Wireless communications, Vol. 2, No. 5.	2012
27	Abd El-Aziz, <b>A. Younes</b> , M. Hasanen, H. Saleem	A Solving The File Allocation Problem in The Distributed Networks by Using Genetic Algorithms,.	International Journal of Information & Network Security (IJINS) Vol.2, No.1.	2013
28	<b>A. Younes</b> and Ghazi Al- Naymat	A Genetic Algorithm for Constructing Broadcast Trees with Cost and Delay Constraints in Computer Networks	International Journal of Computer Networks & Communications (IJCNC) Vol.7, No.1	2015
29	<b>A. Younes</b> , and M. Hasanen	A Genetic Algorithm To Solve The Minimum-Cost Paths Tree Problem	International Journal of Computer Networks & Communications (IJCNC) Vol.7, No.4,	2015
30	Mutasem K. Alsmadi, <b>A. Younes</b>	Face Image Recognition Based On Partial Face Matching Using Genetic Algorithm	SUST Journal of Engineering and Computer Sciences (JECS), Vol.18, No.1	2017
31	Mahmoud Mofaddel,_ and <b>A Younes.</b>	Multi-Objective Optimization to Find The Shortest Paths Tree in The Computer Networks	Applied Mathematics & Information Sciences <i>An International Journal</i> , Appl. Math. Inf. Sci. <b>12</b> , No. 1.	2018

32	<b>A. Younes,</b> U.A. Badawi, T. H. Farag, F. A. Alghamdi.	A Genetic Algorithm to Find the Minimum Cost Paths Tree with Bandwidth Constraint the Computer Networks	International Journal of Applied Engineering Research	2018
33	<b>A. Younes,</b> U.A. Badawi, , A. Ben Salah, F. A. Alghamdi	The Shortest-Path Broadcast Problem	International Journal of Applied Engineering Research	2018
34	<b>A. Younes,</b> A. Ben Salah, T. Farag, F. A. Alghamdi,	Task Scheduling Algorithm for Heterogeneous Multi-Processing Computing Systems	KSII Transactions on Internet and Information Systems.	2019
35	<b>A. Younes.</b> and Mahmoud A. Mofaddel, _	A Minimum Broadcast Routing With Bandwidth Constrained Based On Genetic Algorithm	Applied Mathematics & Information Sciences An International Journal, Appl. Math. Inf. Sci. <b>15</b> , No. 1.	2019
36	<b>A. Younes,</b> A. Ben Salah, T. H. Farag, F.A. Alghamdi,	A Multiobjective Genetic Algorithm to Solve the Shortest Path Problem	Journal of Computer Networks and Communications	2019
37	<b>A. Younes.,</b> Monagi H. Alkinani and M. R. Hassan	Ant Colony Optimization for Multi-Objective Multicast Routing	Computers, Materials and Continua · January 2020	2020
38	<b>A. Younes,</b> Monagi H. Alkinani and M. R. Hassan	A Genetic Algorithm to Solve Capacity Assignment Problem in a Flow Network" to Computers, Materials & Continua.	Computers, Materials & Continua (CMC), Vol. 64, No. 3, 2020	2020
39	<b>A. Younes,</b> Monagi H. Alkinani and M. R. Hassan	A Genetic Algorithm Optimization for Multi-Objective Multicast Routing	Intelligent Automation & Soft Computing	2020
40	Mahmoud Mofaddel, <b>A. Younes</b>	Multi-Objective Multicast Routing Based on Ant Colony Optimization in Mobile Ad-Hoc Networks	Journal of Statistics Applications and Probability, No. 202062 2 Jun2 2020	2020
41	<b>A. Younes,</b> Monagi H. Alkinani	Task Scheduling in Cloud Computing Based on Genetic Algorithm	Under Publishing	2020
42	<b>A. Younes,</b> M.A. Alqhatani	Task Scheduling in Heterogeneous Cloud Computing	Under Publishing	2020

		Based on Genetic Algorithm		
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## Thesis Supervision

No.	Thesis	Title	Student	University
1	MSC	Calculate the exact value of the approximate coefficient of confidence in computer networks	Mohamed Heshmat	South Valley
2	MSC	A Study of reverse engineering methods and their application to programs	Tamer Rabie	South Valley
3	MSC.	Detect and correct errors that appear in knowledge representation for expert systems	Mothamed Hasanien	South Valley
4	MSC	The development of an expert system to build databases of targeted objects of the specification written in Arabic	Hany Abdou Saleem	South Valley
5	Ph. D	The Studies on the use of evolutionary algorithms in solving the problem of the optimal design of computer networks with unlimited targets	Mothamed Hasanien	South Valley
6	Ph. D	Distributed of computing systems	Hany Abdou Saleem	South Valley

## Thesis Arbitration:

No	Thesis	Title	Student	University
1	MSC	Study Atsadm of hadrons using neural networks	Hanaa Almeri	Dammam
2	MSC	Calculate the exact value of the approximate coefficient of confidence in computer networks	Mohamed Heshmat	South Valley

3	MSC	A Study of reverse engineering methods and their application to programs	Tamer Rabie	South Valley
4	MSC	Detect and correct errors that appear in knowledge representation for expert systems	Mothamed Hasanien	South Valley
5	MSC	The development of an expert system to build databases of targeted objects of the specification written in Arabic	Hany Abdou Saleem	South Valley
6	Ph. D	The Studies on the use of evolutionary algorithms in solving the problem of the optimal design of computer networks with unlimited targets	Mothamed Hasanien	South Valley
7	Ph. D	Distributed of computing systems	Hany Abdou Saleem	South Valley
8	Ph. D	New technique for nuclear reactions using neural networks	Eiman Algaraphi	Dammam

## Papers Arbitration

No	Paper title	University/Journal
1	Determination of gray matter (GM) and white matter (WM) volume in brain magnetic resonance images (MRI).	Taif
2	Genetic Algorithms for Brain Magnetic Resonance Images Segmentations, Taif University.	Taif
3	Multiple Constraints for Ant Based Multicast Routing in Mobile Ad Hoc Networks.	Computer
4	An Effective Similarity Measure via Genetic Algorithm for Content Based Image Retrieval with Extensive Features, the computer Journal.	Computer
5	Improved Genetic Algorithm using Different Genetic Operator Combinations (GOCs) for Multicast Routing in Ad Hoc Networks,	Engineering Optimization
6	Building a tool to develop Web-Based Semantic Expert Systems.	Taif
7	Production of Thrmstable Lipase Enzyme: A New Biological Experiments based Evolutionary Computation.	Taif



8	Design and Implementation of Intelligent E-learning ( Open Source) to Development of skills for University Students.	Taif
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## Other Certificates

1	CCNA1 Networking Basics of the Cisco Networking Academy Program.
2	CCNA2 Router and Routing Basics of the Cisco Networking Academy Program.

## Other Activates

1	Participate in the preparation and design of the monitoring program grades and inquire about the results of the first-year students in the faculties of the Dammam University
2	Participate in the preparation of a plan Computer Department, Faculty of Education Jubail and Hafr Albaten, Dammam University
3	Participate in the preparation of a plan Department of Computer Sciences Faculty Al Naeria and Khafji, Dammam University
4	Participate in the preparation of a plan college community service Qatif, Dammam University.

## Courses Taught

1	Artificial Intelligence
2	Neural Networks.
3	Genetic Algorithms
4	Computer Graphics
5	Programming Fundamentals
6	Computer Organization
7	Object Oriented Programming
8	Data Structures
9	Advanced Programming

10	Web Based Design
11	Computer Networks

<b>Scientific Seminars</b>	
1	Artificial Intelligence
2	Genetic Algorithms
3	Ant Colony
4	Using the Genetic Algorithms <ul style="list-style-type: none"> <li>• Finding the k shortest paths in the computer networks</li> <li>• Multicast routing problem in the computer networks</li> </ul>
5	Using the Ant Colony <ul style="list-style-type: none"> <li>• Finding the k shortest paths in the computer networks</li> <li>• Multicast routing problem in the computer networks.</li> </ul>