

Home page: www.sallam.cf
Email: sallam.ah@gmail.com
Mobile: +2-01112204407

Biography

Currently, I'm occupying an assistant professor position at the Faculty of Computers & Informatics, Suez Canal University, Egypt where I obtained my BSc. In 2007 I completed Pre-Master courses in computer science at the Faculty of Computers and Information, Cairo University. In 2008 I moved to China to complete my Master degree by 2010 at the College of Information Science and Engineering, Hunan University, where I obtained my PhD later in 2013. I have a good teaching experinces and most of my courses are recorded online as MOOCs with a steady views rate in the following link: <https://www.youtube.com/user/sallamah>

Ahmed Sallam Videos Playlists Channels Discussion About Channelytics

Object-Oriented Programming with C++ 14 VIDEOS
Lecture 1 - Part 1
Dr. Ahmed Sallam
Faculty of Computers and Informatics

Parallel Processing with CUDA 22 VIDEOS
Lecture 1 - Part 1
Dr. Ahmed Sallam
Suez Canal University
Faculty of Computers and Informatics

Logic Programming 1 VIDEO
Lecture 2 - Part 1
Dr. Ahmed Sallam
Suez Canal University
Faculty of Computers and Informatics

Computer Architecture 2 VIDEOS
Lecture 3 - Part 1
Dr. Ahmed Sallam
Suez Canal University
Faculty of Computers and Informatics

x86 Assembly Language 11 VIDEOS
Lecture 2 - Part 1
Dr. Ahmed Sallam
Suez Canal University
Faculty of Computers and Informatics
Fall 2016

Artificial Intelligence 17 VIDEOS
Lecture 1 - Part 1
Dr. Ahmed Sallam
Suez Canal University
Faculty of Computers and Informatics

Dynamic Web Programming - PHP 17 VIDEOS
Lecture 1 - Part 1
Dr. Ahmed Sallam
Suez Canal University
Faculty of Computers and Informatics

History of Computing (Keynote) 32 VIDEOS
Part 1
1st year student
Dr. Ahmed Sallam
Suez Canal University
Faculty of Computers and Informatics
20-NOV-2016

Old - x86 Assembly Language - لغة التجميع 1 VIDEO
Lecture 1 - Part 1
Dr. Ahmed Sallam
Suez Canal University
Faculty of Computers and Informatics

Intro to Artificial Intelligence - الذكاء الاصطناعي 1 VIDEO
Lecture 1 - Part 1
Dr. Ahmed Sallam
Suez Canal University
Faculty of Computers and Informatics

Dynamic Web Programming - PHP 17 VIDEOS
Lecture 1 - Part 1
Dr. Ahmed Sallam
Suez Canal University
Faculty of Computers and Informatics

Introduction to Programming (C Language) - مقدمة في البرمجة (لغة السي) 7 VIDEOS
Part 1
1st year student
Dr. Ahmed Sallam
Suez Canal University
Faculty of Computers and Informatics
16-NOV-2016

Computer Architecture 27 VIDEOS
Lecture 1 - Part 1
Dr. Ahmed Sallam
Suez Canal University
Faculty of Computers and Informatics

Logic Programming 26 VIDEOS
Preface
Dr. Ahmed Sallam
Suez Canal University
Faculty of Computers and Informatics

Operating Systems 28 VIDEOS
Lecture 1 - Part 1
Dr. Ahmed Sallam
Suez Canal University
Faculty of Computers and Informatics

Introduction to Cloud Computing (Keynote) 7 VIDEOS
Part 1
1st year student
Dr. Ahmed Sallam
Suez Canal University
Faculty of Computers and Informatics
16-NOV-2016

Ahmed Sallam @
Created: Sep 4, 2008 · Videos: 265
CHANNEL
Jan 1, 2014 – Dec 31, 2016

Watch time
Minutes
1,979,771

Views
519,369

Education

- **PhD [2010-2013] Excellence scholarship – Changsha, Hunan, China**

PhD of Engineering in Computer Science and Technology, College of Information Science and Engineering, Hunan University.

- **Major:** High Performance Computing. (Cloud Computing and distributed Systems).
- **Topic:** On manipulating dynamic fluctuation drawbacks in a virtualized Environment.
- **Grade:** Excellent.

- **Master [2008-2010]- Changsha, Hunan, China**

Master of Engineering in Computer Science and Technology, College of Information Science and Engineering, Hunan University.

- **Major:** Artificial Intelligent.
- **Topic:** Web service supervision system based on JADE.
- **Grade:** Excellent.

- **Pre-master [2006-2007] – Cairo, Egypt**

Pre-master of Computer Science, Faculty of Computers & Information, Computer Science Department, *Cairo University, Cairo*

- **Grade:** Excellent.

- **B.Sc. [2001-2005] – Ismailia, Egypt**

Four year Bachelor of Computer Science, Faculty of Computers & Informatics, Computer Science Department, *Suez Canal University, Ismailia*

- **Allover Grade:** Excellent with Honor.

Certificates

- **Oracle Certified Professional [August 2007]**, "OCP Administration"
- **A+ [September 2007]**, Central Unit of ICT Training, Supreme Council of Universities.
- **Macromedia Flash [October 2006]**, Central Unit of ICT Training, Supreme Council of Universities.
- **Business Application Business Line & Enterprise Services [August 2004]**, Siemens.

Experiences

- **Assistant Professor:** Faculty of Computers and Informatics, Suez Canal University [November 2013 – Present].
- **Instructor:** Information Technology Institute (ITI), Ismailia, Egypt. [March 2013 – Present].
- **Assistant Professor:** Sinai University [February 2015 – Present].
- **Researcher:** Hunan University [September 2008 – August 2013] (5 years).
- **Teaching Assistant:** Faculty of Computers and Informatics, Suez Canal University [November 2005 – 2008] (3 years).
- **Instructor:** MCIT [October 2005 – December 2005] (3 months)
- **Software developer:** Suez Canal University [November 2005 – August 2008] (2 years 10 months)
- **Member of Management Information Systems (MIS) teamwork:** Suez Canal University [October 2007 – July 2008] (10 months) Egypt.
- **Member of Information & Communication Technology Project (ICTP):** Suez Canal University [2006 – 2008] (2 years).

Courses I taught

- VMware VSphere & VCloud
- Parallel Processing
- Big Data with Hadoop
- Operating Systems
- Computer Architecture and Organization
- Assembly Language (Intel x86)
- C/C++.
- Logic programming with Prolog
- Functional programming with Haskell
- Algorithms analysis and design
- Data structure with C, C++, Java
- Database concepts, SQL, PLSQL
- ORACLE developer (6i and 9i) and ORACLE engine (8i, 10g, 11g)
- Web Design and Implementation
- Dynamic web programming
- Simulation and Modeling.

Languages Skills

- **Arabic:** Mother language.
- **English:** Excellent in both writing & speaking
- **Chinese:** Good

Computer Skills

- **Programming languages:**
 - C, C++, C#.
 - Java.
 - PHP (Firm Basic).
- **Databases :**
 - SQL, PLSQL
 - Oracle Engine 8i,9i, 10g and 11g
 - Oracle Developer 6i and 9i
 - MySQL.
- **Web Development & design:**
 - HTML/CSS.
 - JSP, PHP
 - Macromedia Flash
- **Operating Systems:**
 - Windows, Linux, VMware VSphere, Xen
- **Others:**
 - Microsoft Office
 - LyX, LaTeX, JapRef, EndNote.

Publications

- [1] S. Sabih, **A. Sallam**, and G. S. El-Taweel, "Manipulating Sentiment Analysis Challenges in Morphological Rich Languages," in *International Conference on Advanced Intelligent Systems and Informatics*, 2017, pp. 429–439.
- [2] A. S. Daoud, **A. Sallam**, and M. E. Wheed, "Improving Arabic Document Clustering using K- Means Algorithm and Particle Swarm Optimization," in *Intelligent Systems Conference 2017, London, UK*, 2017.
- [3] A. Ouyang, X. Peng, J. Liu, and **A. Sallam**, "Hardware/Software Partitioning for Heterogenous MPSoC Considering Communication Overhead," *Int. J. Parallel Program.*, vol. 45, no. 4, pp. 899–922, 2016.
- [4] M. El-Gayyar, A. Ibrahim, and **A. Sallam**, "The ArSL keyboard for android," in *Intelligent Computing and Information Systems (ICICIS), 2015 IEEE Seventh International Conference on*, 2015, pp. 481–486.
- [5] Z. Li, H. Chen, Z. Xie, C. Chen, and **A. Sallam**, "Dynamic Multi-objective Optimization Algorithm Based on Average Distance Linear Prediction Model," *Sci. World J.*, vol. 2014, no. 1, p. 1, 2014.
- [6] A. Ouyang, Z. Tang, K. Li, **A. Sallam**, and E. SHA, "Estimating parameters of Muskingum model using an adaptive hybrid PSO algorithm," *Int. J. Pattern Recognit. Artif. Intell.*, vol. 28, no. 1, p. 1459003, 2014.
- [7] **A. Sallam**, K. Li, A. Ouyang, and Z. Li, "Proactive workload management in dynamic virtualized environments," *J. Comput. Syst. Sci.*, vol. 80, no. 8, pp. 1504–1517, 2014.
- [8] X. Zhou, Y. Zhou, K. Li, **A. Sallam**, and K. Li, "Molecular solutions for minimum and exact cover problems in the tile assembly model," *J. Supercomput.*, vol. 69, no. 2, pp. 976–1005, 2014.
- [9] A. Ouyang, K. Li, T. K. Truong, **A. Sallam**, and E. H.-M. Sha, "Hybrid particle swarm optimization for parameter

estimation of Muskingum model,” *Neural Comput. Appl.*, vol. 25, no. 7–8, pp. 1785–1799, 2014.

- [10] **A. Sallam** and K. Li, “Xu Zhou, YanTao Zhou, KenLi Li,” *J Supercomput*, vol. 69, pp. 976–1005, 2014.
- [11] **A. Sallam** and K. Li, “A Multi-objective Virtual Machine Migration Policy in Cloud Systems,” *Comput. J.*, 2013.
- [12] **A. Sallam**, K. Li, A. Salah, and X. Zhu, “Manipulating Dynamic Fluctuation Drawbacks in a Virtualized Environment,” *Int. J. Adv. Comput. Technol.*, vol. 5, no. 3, pp. 679–687, 2013.
- [13] Z. Li, Z. Jiang, **A. Sallam**, and J. Liu, “A Novel Method for Moving Objects Detection Inspired by Frog’s Visual Characteristics,” 2013.
- [14] F. Wu, K. Li, **A. Sallam**, and X. Zhou, “A molecular solution for minimum vertex cover problem in tile assembly model,” *J. Supercomput.*, vol. 66, no. 1, pp. 148–169, 2013.
- [15] J. Kim, B. Hong, and N. Chilamkurti, “Advanced Computer Technologies and Applications in Grid and Cloud Computing.” Oxford University Press, 2013.
- [16] **A. Sallam** and K. Li, “Virtual machine proactive scaling in cloud systems,” in *Cluster Computing Workshops (CLUSTER WORKSHOPS), 2012 IEEE International Conference on*, 2012, pp. 97–105.
- [17] Z. Tang, J. Wei, A. Sallam, K. Li, and R. Li, “A new RBAC based access control model for cloud computing,” *Adv. Grid Pervasive Comput.*, pp. 279–288, 2012.
- [18] **A. Sallam**, “Integration of Web Services and Agent technologies: Web Services supervision system based on JADE,” 2011.
- [19] Z. Tan, Z. Tang, R. Li, **A. Sallam**, and L. Yang, “Research on trust-based access control model in cloud computing,” in *Information Technology and Artificial Intelligence Conference (ITAIC), 2011 6th IEEE Joint International*, 2011, vol. 2, pp. 339–344.
- [20] X. Zhou, K. Li, M. Goodman, and **A. Sallam**, “A novel approach for the classical Ramsey number problem on DNA-based supercomputing,” *MATCH Commun. Math. Comput. Chem*, vol. 66, pp. 347–370, 2011.
- [21] Z. Li, D. Chen, **A. Sallam**, and L. Zhao, “Novel multi-objective genetic algorithm based on static bayesian game strategy,” *Adv. Swarm Intell.*, pp. 612–619, 2010.
- [22] Z. Li, H. Li, Y. Chen, and **A. Sallam**, “A hybrid strategy based on niche genetic algorithm and tabu search and its convergence property,” in *Bio-Inspired Computing: Theories and Applications (BIC-TA), 2010 IEEE Fifth International Conference on*, 2010, pp. 328–332.
- [23] **A. Sallam**, Z. Li, and S. Hassan, “Web services supervision system based on JADE,” *J. JDCTA, JDCTA (International J. Digit. Content Technol. its Appl.*, vol. 4, no. 7, pp. 154–164, 2010.

References

All certificates, proves and documents are available upon request.