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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 experiences 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>

The screenshot displays the YouTube channel for Ahmed Sallam. The channel name is 'Ahmed Sallam' with a verified badge. It was created on Sep 4, 2008, and has 265 videos. The channel's active period is from Jan 1, 2014, to Dec 31, 2016. The watch time is 1,979,771 minutes, and the total views are 519,369. The video thumbnails include:

- Object-Oriented Programming with C++ (14 videos)
- Parallel Processing (22 videos)
- Logic Programming (Lecture 2 - Part 1) (1 video)
- Computer Architecture (Lecture 3 - Part 1) (2 videos)
- x86 Assembly Language (Lecture 2 - Part 1) (11 videos)
- Artificial Intelligence (Lecture 1 - Part 1) (17 videos)
- Dynamic Web Programming - PHP (Lecture 1 - Part 1) (17 videos)
- History of Computing (Keynote Part 1) (32 videos)
- Introduction to Programming (C Language) (Lecture 1 - Part 1) (7 videos)
- Operating Systems (Lecture 1 - Part 1) (28 videos)
- Introduction to Cloud Computing (Keynote Part 1) (7 videos)

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
- 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
- Computer Networking
- Simulation and Modeling.

Languages Skills

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

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

- | | |
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| 1. Ahmed Sallam , and Kenli Li , "A Multi-objective Virtual Machine Migration Policy in Cloud Systems", The Computer Journal - Oxford, 2013, doi: 10.1093/comjnl/bxt018. | SCI
IF:
0.785 |
| 2. Ahmed Sallam , Kenli Li , Aijia Ouyang, and Zhiyong li "Proactive Workload Management in Dynamic Virtualized Environment", Journal of Computer and System Sciences - Elsevier, 2013. | SCI
IF:
1.157 |
| 3. Fan Wu, Kenli Li , Ahmed Sallam , and Xu Zhou, "A molecular solution for minimum vertex cover problem in tile assembly model", The Journal of Supercomputing, vol. 66, no. 1, pp. 148-169, 2013. | SCI
IF:
0.841 |
| 4. Aijia Ouyang, Kenli Li , Tung Khac Truong, Ahmed Sallam , and Edwin H-M Sha, "Hybrid particle swarm optimization for parameter estimation of Muskingum model", Neural Computing and Applications, pp. 1-15, 2014. | SCI
IF:
1.763 |
| 5. Xu Zhou, YanTao Zhou, KenLi Li , Ahmed Sallam , and Keqin Li, "Molecular solutions for minimum and exact cover problems in the tile assembly model", The Journal of Supercomputing, vol. 69, no. 2, pp. 976-1005, 2014. | SCI
IF:
0.841 |
| 6. Zhiyong Li, Hengyong Chen, Zhaoxin Xie, Chao Chen, and Ahmed Sallam , "Dynamic Multi-objective Optimization Algorithm Based on Average Distance Linear Prediction Model", The Scientific World Journal, vol. 2014, no. 1, pp. 1, 2014. | SCI
IF:
1.730 |
| 7. Xu Zhou, Kenli Li , Makojoa Goodman, and Ahmed Sallam , "A Novel Approach for the Classical Ramsey Number Problem on DNA-Based Supercomputing", Match, vol. 66, no. 1, pp. 347-370, 2011. | SCI
IF:
2.161 |

8.	Ahmed Sallam, Kenli Li, Ahmad Salah, and Xiangyuan Zhu, "Manipulating Dynamic Fluctuation Drawbacks in a Virtualized Environment", <i>International Journal of Advancements in Computing Technology</i> , vol. 5, no. 3, pp. 679-687, 2013.	EI
9.	Ahmed Sallam, and Kenli Li, "Virtual Machine Proactive Scaling in Cloud Systems", In 2012 IEEE International Conference on Cluster Computing Workshops, pp. 97-105, 2012.	EI
10.	Zhuo Tang, Juan Wei, Ahmed Sallam, Kenli Li, and Ruixuan Li, "A New RBAC Based Access Control Model for Cloud Computing", <i>Lecture Notes in Computer Science</i> , vol. 7296, pp. 279-288, 2012.	EI ISI CP
11.	Ahmed Sallam, Zhiyong Li, and Shaimaa Hassan, "Web Services Supervision System Based on Jade", <i>International Journal of Digital Content Technology and its Applications</i> , vol. 4, no. 7, pp. 154-165, 2010.	EI
12.	Ahmed Sallam, "Integration of Web Services and Agent Technologies: Web Services Supervision System Based on JADE", LAP Lambert Acad. Publ., 2011.	Book
13.	Zhiyong Li, Zhen Jiang, Ahmed Sallam, and Junmin Liu, "A Novel Method for Moving Objects Detection Inspired by Frog's Visual Characteristics", <i>International Journal of Control and Automation</i> , 2013.	EI
14.	Zhiyong Li, Dong Chen, Ahmed Sallam, and Li Zhao, "Novel Multi-Objective Genetic Algorithm based on Static Bayesian Game Strategy", <i>Lecture Notes in Computer Science</i> , vol. 6145, no. 1, pp. 612-619, 2010.	EI ISI CP
15.	Zhiyong Li, Houfu Li, Youwen Chen, and Ahmed Sallam, "A hybrid strategy based on niche genetic algorithm and Tabu search and its convergence property", In 2010 IEEE Fifth International Conference on Bio-Inspired Computing: Theories and Applications (BIC-TA), pp. 328-332, 2010.	EI
16.	Aijia Ouyang, Zhuo Tang, Kenli Li, Ahmed Sallam, and EDWIN SHA, "Estimating parameters of muskingum model using an adaptive hybrid pso algorithm", <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , vol. 28, no. 01, 2014.	
17.	Zhanjiang Tan, Zhuo Tang, Renfa Li, Ahmed Sallam, and Liu Yang, "Research on trust-based access control model in cloud computing", In <i>Information Technology and Artificial Intelligence Conference (ITAIC)</i> , 2011 6th IEEE Joint International, pp. 339-344, 2011.	EI

References

All certificates, proves and documents are available upon request.