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Publications

A Knowledge based Approach for Semantic Web Services Discovery, Mohamed El Kholy and Ahmed Elfatry 10th International conference on Evaluation of Novel Approaches to Software Engineering, Barcelona, Spain, 2015.

Towards improving XML search by using structure clustering technique, Rehab Desoki & Ahmed Elfatry, Journal of Information Science, 2015, pp. 1-21

EXCLS: Enhanced XML Clustering by Level Structure Accuracy, Rehab Desoki & Ahmed Elfatry, Int. J. of Web Engineering and Technology, 2014 Vol.9, No.4, pp.303 - 329, 2014

Detecting defects in software requirements specification, Amira A. Alshazly Ahmed M., Elfatry Mohamed S., Alexandria Engineering Journal Volume 53, Issue 3, September 2014, Pages 513-527

Using Fuzzy Analytic Hierarchy Process to Choose the Most Suitable Cloud Service Provider, Shima K. Shaker, Shawkat K. Guirguis, Ahmed M. Elfatry, Tamer F. Mabrouk, Third International Conference "ICT in Our Lives" 21-23 December 2013.

Towards Enhanced Service Oriented Architecture to

Improve E-Services Applications, Usama M. Maabed, Ahmed M. El-Fatary, and Adel A. El-Zoghabi, International Journal of Computer Science & Communication Networks, Vol 2(6), 1-10, ISSN:2249-5789, 2013

An optimal service selection based on trust, Mazhar B. Tayel, Ahmed M. El Fatary and Mervat A. Nasr Eldin, Alexandria Engineering Journal, in Vol.49 NO. 4, July 2010

A. Elfatary, Z. Mohamed, and M. Eleskandarany; Enhancing Flexibility of Workflow Systems, International Journal of Software Engineering, Vol. 3 No 1, January 2010.

Abd El-Wahed, S.M.; Elfatary, A.; Abougabal, M.S.; Detection of plagiarism in database schemas using structural fingerprints, 7th ACS/IEEE International Conference on Computer Systems and Applications, AICCSA 2009. 10-13 May 2009 Page(s):787 - 790

Ahmed Elfatary "Dealing with change: components versus services " Communications of the ACM, Volume 50 , Issue 8 August 2007

Abd El-Wahed, S.M.; Elfatary, A.; Abougabal, M.S. "A New Look at Software Plagiarism Investigation and Copyright Infringement", 5th International Conference on Information and Communications Technology, IEEE, 2007

Ahmed Elfatary and Paul J. Layzell "A Negotiation Description Language", Software: Practice and Experience Volume 35, Issue 4 , Pages 323 – 343 (2005)

Ahmed Elfatary and Paul J. Layzell "Negotiating in Service-Oriented Environments", Communications of the ACM August 2004/Vol. 47, No. 8

Ahmed Elfatary and Paul J. Layzell: Software as a Service: A Negotiation Perspective, IEEE COMPSAC (2002)

Ahmed Elfatary and Adel El-Zoghabi "A Decision Support System For Stock Market Investment", Sixth

INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE APPLICATIONS, AUC, Cairo, Egypt (1996).

Professional activities

- Since 2008 Reviewer, International Journal of Web Engineering and Technology.
- Since 2007 Reviewer, Communication of the ACM.
- Since 2007 Reviewer, Information processing letters.
- 2006 Member of Quality Assessment Committee for education in IGSR.
- 2003 Reviewer, IEEE COMPSAC 2003
- 2005 Professional member, Association for Computing Machinery (ACM)

Education

- 1999-2002 PhD, University of Manchester, Institute of Science & Technology (UMIST), UK
Thesis: "Service-Oriented Software"
Research area: E-commerce
- 1993-1996 MSc of Information Technology,
Institute of Graduate Studies & Research,
University of Alexandria, Egypt.
Thesis: "A Decision Support System for Stock Market Investment"
Research area: Decision Support Systems
- 1987-1991 BA of commerce,
Faculty of Commerce,
University of Alexandria,
Egypt.

Teaching Experience

- 2011-now Assistant Professor,
Department of Information Technology,
Institute of Graduate Studies & Research,
University of Alexandria,

Egypt.

- 2003- 2011 Lecturer,
Department of Information Technology,
Institute of Graduate Studies & Research,
University of Alexandria,
Egypt.

Courses: Software Engineering, Web Technologies,
Research in IT
- 1996-2003 Teaching Assistant
Department of Information Technology,
Institute of Graduate Studies & Research,
University of Alexandria,
Egypt.
Courses: Data Structures, Systems Analysis and
Design, Decision Support Systems, Expert Systems.
- 1993-1996 Demonstrator
Department of Information Technology,
Institute of Graduate Studies & Research,
University of Alexandria,
Egypt.
Courses: Data Structures, Systems Analysis and
Design, Decision Support Systems, Expert Systems.

Projects & Lectures

Judge, Intel Science & Engineering competition,
(2010)

Manager of Information Systems center, IGSR,
Alexandria University, (2006-2008)

Analysis and Design of IT affairs, RIPECAP project,
(www.ripecap.net)

Participated in "Software As A Service" project by
Universities of Durham, Keele and UMIST, UK
www.service-oriented.com, (2000-2002)

"Searching the Web effectively", lecture at Bioinformatics workshop, Faculty of Pharmacy, Alexandria University, 21-24 February 2005.

Member of the higher education enhancement committee, Institute of Graduate Studies and Research, Alexandria University.

Member of "Credit Hour System" committee, transferring IGSR to the credit hour system.

Member of strategy committee, IGSR

General tutor for IT Diploma (2003-2005).

Technical Experience

- 15 years of experience in Analysis & Design of information systems
- Environments & tools: FoxPro, VB, VBA, ACCESS, Pascal, C
- Analysis and Design in UML
- Developed e-course of human resources, Arab Academy of Science and Technology, Egypt.

Courses Attended

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| 2005 | "New trends in teaching", Academic Staff Development project, Alexandria University. |
| 2005 | "Code of ethics", Faculty and leadership development center. |

Research Interests

E-commerce, e-government, software evolution for the Internet, and service based software.

Languages

Arabic (native language)
English
French