

Personal Data Resume

PERSONAL DATA:

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WORK EXPERIENCE:

2016- to date

Vice Dean of student Affairs and Education, Faculty of Computers and Information Science, Ain Shams University

Nov 2011-- 2016

Head of Information System department, Faculty of Computers and Information Science, Ain Shams University, Egypt.

Dec 2003-June2005

Worked as postdoctoral research assistant to lead a project for software engineering management system using the knowledge base system, as well as an assistant supervisor for some PhD students. Glasgow University, UK.

1999-2000:

1. Software developer on work experience schema at Connect department, University of Liverpool, UK <http://www.connect.org.uk/>.
2. Lecturer of business courses at Connect, University of Liverpool, U.K.

2000-2003:

Part-time lecturer at the School of Computing and Mathematical Sciences, Liverpool John Moores University. U.K.

2002→2003:

As part time lecturer at the Centre for Lifelong Learning (Continuing Education) since September 2002. <http://www.liv.ac.uk/conted/>

All the previous teaching involves developing the syllabus taught for the students, and to accomplish an easy handout to follow for assisting them during the course. I'm responsible as well of preparing exams and ensuring a correct assessment process for the students. The job involves keeping in touch with the Academic Organizer, and the Course Processor.

PROFESSIONAL EDUCATION:

2016

Professor of software Engineering, Faculty of Computers and Information Science, Ain Shams University

2011-2016

Associate Professor of software Engineering, Faculty of Computers and Information Science, Ain Shams University

2006-2011

Assistant Professor of software Engineering, Faculty of Computers and Information Science, Ain Shams University

Dec 2003-June 2005

Postdoctoral research fellow, department of Computing Science, Glasgow University, U.K. The research project named “AMUSE” in autonomic computing for developing a self-management service that able to control the distributed application/environment in particular for the e-science environment and e-health environment.

November 2000→November 2003:

Ph.D. degree in computer science of Liverpool John Moores University, England, U.K.

- PhD research topic is entitled : ” *An Autonomic middleware control service to support self-adaptive software* ”
- The main objective of my study is to develop baseline architecture and model for a middleware-based control service, which facilitate adjustable self-governance utility to support the safe self-adaptation of distributed applications for lifetime management. In addition, the development of a software meta-control model and its knowledge-base system, which represents how distributed applications services interact with their associated middleware service management and control services
- My research includes a programming model to facilitate the development of adjustable-autonomic control middleware services that would facilitate customisation of self-adaptation control strategies and self-governance policies including norms and authorities. Also, a control knowledge markup language and associated interpreter has been developed to achieve a level of software “*separation of concerns*” and the externalisation of control models and knowledge from the core controller logic.
- During my research an experiment/benchmarks demonstration have been carried out to practically monitor, and validate systems runtime behaviour with respect to critical system properties, requirements and intended goals using. Artificial intelligent, Java software, Jini middleware, and XML language for supporting the generic capabilities in such demonstration.

1999:

Postgraduate degree in Software Technology Retraining Programme, University of Liverpool, U.K.

1997:

Software Skill Development Program (SSDP), Information Technology Institute (ITI) with collaboration with Nottingham University, Egypt, <http://www.iti.gov.eg/>.

1996:

Bsc in Pure Mathematics and Computer Science, Faculty of Science, June 1996 with Accumulative Grade “Very Good with Honour Degree” [83%]. GPA [3.8]

RESEARCH INTERESTS:

My research area involves distributed system management, software engineering, and software testing. My particular interests are conducting work in the areas of autonomic computing, as well as cloud computing. Mobile computing. And database systems

Research Activities

Reviewer :

1. International Conference on Information Systems SIG GlobDev Annual Workshop
2. 10th International Conference on Intelligent System Design and Application, Nov29-Dec1, 2010, ISDA2010, <http://cig.iet.unipi.it/isda2010>
3. Course Reviewer At the EELU University .
4. Conference on Data Mining and Optimization-DMO'11, Malaysia-2011 .
5. CAS 2010 : 1st International Workshop on Cloud Applications and Security
6. Journal of Advances in Computer Science
7. Conference in Africa and Middle East Regions specialized in software Engineering (AMECSE 2014).
8. Egyptian Informatics Journal Elsevier.
9. International Conference on Internet of things and Cloud Computing (ICC 2016), Cambridge, United Kingdom
10. International Journal of software Engineering (IJSE).
11. Security and Communication Networks-Wiley Journal .
12. International Journal of Intelligent Computing and Information Sciences (IJICIS).
13. ITIDA
14. STDF
15. China Communication.
16. Ain Shams Engineering Journal

Editors & Author:

1. *Editor of ACEEE International Journal on Control System and Instrumentation* <http://ijcsi.theaceee.org>.
2. Author of Web Engineering#1 course at EELU, <http://www.eelu.edu.eg>.

Projects

1. Co-PI of the ITIDA funded project “ A State-of-the-art Fully Distributed Arabic Search Engine”-2011
2. Principle Investigator (PI) of the ITIDA ARP- funded project “ Arabic Sign Language” -2013
3. Principle Investigator (PI) of the ITIDA PDP funded project “ Arabic Sign Language” 2015
4. Ain Shams PI of ERASMUS+ funded project “ Master in Health Informatics / HEAL+ “ 2015.

Other Activities:

- Committee Chair of updating the postgraduate courses of information System department.
- Committee Chair of developing the Bioinformatics Diplomas (Basic and Advanced) of information System department. <http://diplomas.cis.asu.edu.eg/>.
- Committee Chair of developing the Business Analytic Diplomas (Basic and Advanced) of information System department. <http://diplomas.cis.asu.edu.eg/>

Language:

- English (spoken and written)
- Arabic (mother language)