

Dr. Mohammed Messaoudi



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I have over 10 years of teaching experience and over 7 years of IT industrial experience in Canada and Saudi Arabia. My proven record of excellence in teaching; my extensive background in software development and project management; will make for excellent teaching, research and professional involvement

E d u c a t i o n

Ph.D. in Computer Science

*School of Engineering and Computer Science,
University of Durham, UK*

1994

*Thesis: "Requirements Elicitation through Viewpoint
Control in a Natural Language Environment"*

BSc. in Computer Science

*Institute of Mathematics and Computer Science,
University of Oran, Algeria*

1988

A c a d e m i c E x p e r i e n c e

Assistant Professor of Computer Science
Faculty of Sciences, Imam University, KSA

2011-Present

Assistant Professor of Computer Science
*Faculty of Computer Sciences and Information,
Imam University, KSA*

2004 - 2011

Assistant Professor of Computer Science
Institute of Public Administration, Riyadh, KSA

1998 - 1999

Teaching Assistant
*School of Engineering and Computer Science,
University of Durham, England*

1990 - 1994

Industrial Experience

Senior Technical Analyst

2000 – 2004

Alleyne Inc., Toronto, Canada

- Maintained the availability of the corporate LAN consisting of Windows NT/2000/Linux servers, workstations, laptops, printers and multimedia equipments.
- Conducted business requirements analysis and specification for a variety of professional services clients.
- Proactively managed network security including patch management, monitoring and investigation.
- Provided production support, including backups/recovery, and customer support, problem diagnostic and solving.
- Often complimented on my prompt resolution of software/hardware and network problems and on my professionalism in dealing with clients.
- Developed and maintained web sites for clients, managed their hosting services, and trained clients on updating their web sites online.
- Trained students' interns from a number of Canadian universities and colleges.
- Worked directly with non-profit professional associations on developing collaborative workspace solutions based on the open-source paradigm.
- Performed installation & configuration of system hardware, software and third party software. Proactively monitored, administered and tuned operating system and hardware. Performed upgrades & testing for system/network hardware, software and third party tools.
- Researched & evaluated third party software according to production needs. Performed compilation, packaging, installation & debugging of shareware software.

Tools: NT/W2K, Solaris/Linux, Visual Basic, Java, XML, Oracle, Apache, Perl, PHP, Adobe graphic tools.

Senior Programmer Analyst

1996 – 1998

Arabian Advanced Systems (Riyadh, Saudi Arabia)

- Led the development of a major online services system, and was involved at all the stages of the product life cycle:
- Successfully developed the analysis and design process standards based on the principles of participatory design.
- Developed complex third party software using Visual Basic Win32 APIs and C++.
- Analysed requirements and developed detailed specifications.
- Analysed the system's architecture and developed a plan for customisation.
- Customized Visual Basic, and C++ programs.
- Designed and developed database tables, queries, and stored procedures on MS SQL Server.
- Customized Active Server Pages in the Visual Studio development environment.
- Translated forms and source code using the Windows and Borland API's.
- Developed the application packaging.
- Wrote system documentation and user manuals.
- Provided technical support and troubleshooting.
- Mentored junior developers and acted as the technical contact for the project.

Administrative Experience

- Curriculum Development
- ABET Courses Specification for B.Sc. and Masters Programs.
- Students' Academic Guidance
- Quality Assurance Committee
- Recruitment Committee
- Graduation Projects Committee

Taught Courses

- Object-Oriented Programming in C++
- Client/Server Computing
- Programming for Science and Engineering
- Quantitative Methods in Management
- Database Management Systems
- Requirements Engineering
- Information Security
- Internet Applications
- Information Systems Development
- Management Information Systems
- Linear Algebra for Computer Science

- Structured language SQL
- Calculus for Engineers
- Information Resource Management

Supervising Thesis

Ph.D. thesis: “Arabic Ontology learning for semantic email”, National University of Malaysia.

Publications

Messaoudi M., “Cross lingual web search: A comparison of Arabic only and English- Arabic web sites”. International Journal of Information Technology and Network Application, Vol. 3 No.1.

Messaoudi M., “Requirements Elicitation through Viewpoint Control in a Natural Language Environment”. Ph.D. thesis, School of Engineering and Computer Science, University of Durham, UK, 1994.

G.R. Batho, M. Messaoudi, and B.R. Worster-Davis, “The Tanner papers in the University of Liverpool”, Durham Thomas Harriot Seminar, 1995.

Messaoudi M., “Developing the Transliteration Interface for Arabic Text”. International Journal of Computer Applications, January 2013 issue.

Messaoudi M., “Requirements Engineering Through Viewpoints”. International Journal of Computing Academic Research, Vol. 2 No.2.

Responsibilities

- Supervised over 20 graduation projects;
- Designing, preparing and developing teaching materials;
- Delivering lectures, seminars and tutorials;
- Assessing students' coursework;
- Setting and marking examinations;
- Supporting students through a pastoral/advisory role;
- Undertaking personal research projects and actively contributing to the institution's research profile;
- Supervising students' research activities;
- Undertaking continuous professional development (CPD) and participating in staff training activities;

- Undertaking administrative tasks related to the department, such as student admissions, induction programs and involvement in committees and boards;

Certification

- Oracle Certified Professional (OCP)

Training and Workshops

- Professional Project Management
- ABET Course Specification workshop

Research Interests

- Requirements Engineering
- Knowledge Management
- Arabic Semantic Web
- Data Mining
- Arabic Digital Content

References

1. Dr. Mutlaq AlOtaibi
Vice-Dean, College of Computer Sciences & Information,
Al-Imam Muhammad Ibn Saud Islamic University, Riyadh, KSA
mutaibi@hotmail.com, 0566555888
2. Professor Abdullah Al-Tameem
Ex-Dean., College of Computer Sciences & Information,
Al-Imam Muhammad Ibn Saud Islamic University, Riyadh, KSA
altameem@yahoo.com, 0555459093
3. Professor. Saleh Al-Zahrani,
Ex-Vice Dean, Department of Computer Science,
College of Computer Sciences & Information,
Al-Imam Muhammad Ibn Saud Islamic University.,
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