

# DR. ABDULLAH ALHUSSEIN

RIYADH, KINGDOM OF SAUDI ARABIA

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## INFORMATION TECHNOLOGY EXECUTIVE

*Software Project Management | Business Analysis and Quality Assurance | IT Strategic Plans*

PROJECT MANAGEMENT: INITIATION, DEFINITION, SCOPE, BUDGETING, PROJECT PLANNING, EXECUTION, CONTROL AND CLOSING

### QUALIFICATIONS SUMMARY

- Senior information leader who consistently demonstrates ability to meet managerial/technical automation requirements and customer needs while developing and implementing effective software project-management solutions
- Respected professional offering 14+ years of software project management at both corporate and project level, including such successes as:
  - Centralizing and managing all payroll operations.
  - Improving of IT department in Riyadh Public Transport Center (RPTC).
  - Framed academic policies and procedures for the establishment of college of computer and information sciences of Majmaah University.
  - Successfully coordinating company-wide implementation of new information systems and standards.

### CORE COMPETENCIES

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|------------------------------------|--------------------------------|
| › Strategic Planning and Direction | › Project Management           |
| › Organizational Planning          | › Policy Development           |
| › IT Governance                    | › Quality Assurance            |
| › Team Building/Recruitment        | › Budget Administration        |
| › Performance Management           | › User Requirements Consulting |

### PROFESSIONAL EXPERIENCE

**VICE DEAN, COLLEGE OF COMPUTER AND INFORMATION SCIENCES, MAJMAAH UNIVERSITY, KSA, AUG 2012 TO 2018**

- Chairman of the Department of Computer Science.
- Supervisor of the Department of Information Systems.
- Chairman of the Committee of Academic Affairs at the College.
- Chairman of the Committee of Academic Plans Assessment.
- Chairman of the Students Disciplinary Committee at the College.
- Consultant in Information Technology Deanship at the University.
- Chairman of the lecturers and teaching assistants committee at the College.
- Member of Engineering and Applied Sciences Research Center (EASRC).
- Account Manager Cisco Academy/ Turnitin at the College.
- Member of the Committee of Educational Affairs at Agency of educational affairs at the University.
- Member of the Executive Committee of the vice dean of quality and development at the University.
- Secretary and a member of the College Board.
- Member of the Board of the Department of Computer Engineering and Networks.
- Member of the Scientific Committee at the College.
- Member of the evaluation committee diploma program in Hafr Al Batin and Riyadh.
- Member of the engagements committee at the College.

- Member of the Main Committee for the preparation of reports and follow-up plans at the Majmaah University.
- Member of the founding committee for the establishment of the Astronomical Observatory of the Majmaah University.

**TECHNICAL SUPPORT, AR-RIYADH DEVELOPMENT COMPANY, DEC 2001 TO JUN 2004**

- Participate in improving of IT department in Riyadh Public Transport Center (RPTC).
- Design reports by using Microsoft Great Plains.
- Provide Maintenance PCs in RPTC and warehouse.
- Trained the company employees on IT Skills

**MANAGER, AL-MOBAMEJ COMPANY, OCT 1998 TO DEC 2001**

- Administrative tasks and payroll management.
- PCs Hardware and Software Sales management.
- Computers and Networks maintenance.
- Software and Operating Systems maintenance.

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**TRAINING COURSES**

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- Courses in at Majmaah University
  - 07/13 Project management methodology.
  - 06/12 Cycle in the senior management of the project management of ECBD Consulting.
- Quality Management Practices (QMP) from CQI Org. (UK)
  - 06/10 Quality Tools and Techniques.
  - 06/10 Creating a Customer Focused Culture.
  - 05/10 Developing the Skills of the New Quality Manager.
  - 03/10 Problem Solving through Root Cause Analysis.
  - 01/10 Process Design & Performance Improvement.
  - 12/09 Implement a Quality Management System ISO 9001.
  - 12/09 External Auditing of Management Systems.
- Project Management from MABT Institute (UK)
  - 11/09 Project Management for Professionals (PMP).

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**ACHIEVEMENTS**

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QPAF Framework and SQPT Tool (PhD Thesis)

The Quality Profiling Auditing Framework (QPAF) and Software Quality Prediction Tool (SQPT) were results of my PhD research. QPAF is based on software metrics and statistics, which will help the developer to improve the software quality in the design and implementation phases of development life cycle. This framework was supported by SQPT tool, which is a software measurement environment for analysing program design, class diagrams in particular, within XML file format and presented the results metrics in charts, figures and tabular form.

## Participate in the establishment of the Faculty of Computer and Information Sciences at Majmaah University

College of Computer and Information Sciences at Majmaah University was founded in 2012. it includes four sections, namely: Computer Science, Computer Engineering, Information Systems and Information Technology. Students study in the collage after the preparatory year finishing. The period of study is four years (eight semesters). Since the issuance of the decision of my appointment as a member of the faculty members, I have participated in the founding of the college in terms of supervising the arbitration academic plan for college by international experts (from the United States, Australia, Japan and Bahrain). And also worked as the head of the committee of lecturers and teaching assistants, faculty member of the Scientific Committee and a member of the faculty teaching contracts. Also I contributed to the supervision of the needs of the college buildings (Male and Female Sections) from computer labs and office furniture for the administration and faculty members, and others.

### Funded Research Project

Title: Development of software metrics and a recommendation system for improving the quality of the under graduate student projects in computer science/information science/information technology/computer engineering

Funded by: King Abdulaziz City for Science and Technology, Kingdom of Saudi Arabia

Role: Co-Investigator

Values: SAR 119750

Abstract: At present, many Universities produces lots of under graduates in Computer Science/Information Sciences/Information Technology/Computer Engineering across the Kingdom of Saudi Arabia. The students' carryout the graduation project as part of the study plan. Most of the Universities offer the graduate project as a two semester program. However, the quality of the student projects is the greater concern. Most of the students do not take the graduation project seriously and end up with low quality work. This leads the graduates to have only rough knowledge of the project and hence leads to less probability of getting a suitable job. The proposed research project addresses this issue by introducing software metrics to be followed as the student carryout the project work. The proposed system acts like a recommendation system by measuring the quality of the project by considering the developed software metrics. Using this model allows the student to carry out more quality works and thereby increase the knowledge level that leads to better job prospects.

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### LANGUAGE SKILLS

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- Arabic – Native language.
- English – Speak fluently and read/write with high proficiency.

## EDUCATION

- PhD in Software Engineering (Software Quality) From Faculty of Technology at De Montfort University, Leicester, UK (July 2011).
- MSc in Distributed Systems Integration (DSI) From Faculty of Technology at De Montfort University, Leicester, UK (July 2007).
- BSc in Computer Engineering from Computer Science and Information Faculty at King Saud University, Riyadh, KSA (Summer 2003).

### List of Publications:

1. Abdullah Al Hussein, "An Object-Oriented Software Metric Model to Evaluate the Quality of Open Source Software", International Journal of Computer Science and Network Security, Volume 17, Issue 4, pp 345-351, April 2017, ISSN: 1738-7906.
2. V Saravanan, Abdullah Al Hussein, Manjunatha Siddapapa Lakshmana, "*Software Metrics for Improving the Quality of the Under Graduate Student Projects in Computer Science and Related Disciplines*", 23<sup>rd</sup> International Conference on Engineering & Technology, Computer, Basic & Applied Sciences, Kuala Lumpur, Malaysia, 17-18 November 2016.
3. Abdullah Al Hussein, V Saravanan, "A Software Agent based approach in Plagiarism Checks in Arabic Texts through Text Mining Methods", Ciencia E Technica Vitivinicola, Volume 30, Issue 3, pp.1-13, March 2015. ISSN: 0254-0223.
4. Dr. Alhussein A, Dr. Jayabrabu R, Dr. Tirumalai S.V., "Detection of plagiarism in Arabic texts using text mining: A software agent based approach" 6th International Integrity & Plagiarism Conference, Plagiarism Advising Org., June 2014.
5. Abdullah A., Janick H., Hussein Z., Alshathry O., Software Certification through Quality Profiling, In proc. of IEEE International Conference on New Trends in Information and Service Science, N1SS'09, 2009.
6. Alshathry O., Janick H., Hussein Z., Abdullah A., Quantitative Quality Assurance Approach, In proc. of IEEE International Conference on New Trends in Information and Service Science, NISS'09, 2009.