

Dr. SADIQ ALMUAIRFI

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Professional Profile

A highly-qualified and ambitious PhD Computer Science and Engineering graduate with a unique combination of skills and capabilities acquired during studies, practical experience and in-depth research. Attentive to details with high levels of accuracy and concentration and an analytical approach to solving complex technical problems and issues. Quick to assimilate new ideas, information and cutting-edge technologies and always keen to develop new skills and expertise. Diligent and meticulous with an outstanding work ethic and the ability to perform well whilst exposed to situations of considerable pressure. A strategic thinker with a background in providing IT security, network/systems design and administration and E-Commerce. Effectively combines technical skills and exemplary planning capabilities to consistently deliver multiple IT-Business related projects on time and within budget. Further key skills include:

- Strategic Planning
- Business Continuity
- Academic Research
- Learning Outcomes
- Education Quality
- Security Engineering
- System Analysis & Designing
- Cyber Security
- Networks Security
- IT Services Management
- E-Commerce
- Project Management

Education and Qualifications

PhD: Computer Science and Engineering, La Trobe University, Australia (2014)
Thesis Subject: IPAS: An Intelligent Anonymous Payment Framework for Mobile Commerce

Master's Degree: Information Management, KAU, Saudi Arabia (2005)
Thesis Subject: Impact of IT on Saudi Shares Stock Market: Risks and Solutions

B.Sc. Degree: Computer Engineering, KFUPM, Saudi Arabia (2001)

Academic Experience

An Auditor, Saudi Arabia Qualifications Framework (SAQF), Riyadh **2018-Now**

- Improving the quality of national qualifications
- Applying SAQF standards on education and training providers
- Audit and verification of all registration applications
- Preparing reports and recommendations from a scientific and specialized perspective

Research Assistant, Latrobe University, Department of Comp Sci & IT, Melbourne **2012-2014**

- Worked on research projects funded by external agencies.

Tutor, Latrobe University, Department of Computer Science and IT, Melbourne **2011-2012**

- Taught "Information Technology Fundamentals" and "Network Engineering Fundamentals"
- Marking assignments/ papers and assessing students learning
- Solving students' problems

Career Summary

Digital Projects Office Manager, KADP, Riyadh **2018-Now**

- Supervise the implementation of Internal digital projects
- Using an advanced systems and methodologies in the field of digital project management.
- Train and support of project managers through special training courses.
- Preparation of project reports and information

System Analyst and IT Consultant, KADP, Riyadh **2015 - 2017**

- Examine existing IT systems and business models to improve business efficiency
- Analyse system requirements and undertake product development to improve business productivity.
- Implement, configure and test feasible solutions to meet business demands
- Plan and support business on change control and systems updates

Head Office IT Manager, The National Commercial Bank (NCB), Jeddah **2001 – 2008**

- Manage and lead a dedicated team of Engineers responsible for dealing with all in-house

communication and technology issues whilst fully administering both Internet and Email services

- Directly accountable for implementing IT-Business related projects, ensuring that all work and activities undertaken are completed on time, within budget and to high employer expectations
- Act as the IT Risk Management Representative in addition to implementing and controlling wireless network services within the bank and managing the telephone system at head office

Publications, Journals and Conferences

- Almuairfi, S.; Veeraraghavan, P.; Chilamkurti, N.; "IPAS: Implicit Password Authentication System," Advanced Information Networking and Applications (WAINA), 2011 IEEE Workshops of International Conference on , vol., no., pp.430-435, 22-25 March 2011 doi: 10.1109/WAINA.2011.36
- Sadiq Almuairfi, Prakash Veeraraghavan, Naveen Chilamkurti, A novel image-based implicit password authentication system (IPAS) for mobile and non-mobile devices, Mathematical and Computer Modelling, Volume 58, Issues 1–2, July 2013, Pages 108-116, ISSN 0895-7177, 10.1016/j.mcm.2012.07.005
- Almuairfi, S., Veeraraghavan, P., Chilamkurti, N., Park, D-S. (2014), "Anonymous proximity mobile payment (APMP)", Peer-to-peer Networking and Applications, vol. 7/4, pp. 620-627
- Sadiq Almuairfi, Prakash Veeraraghavan, Naveen Chilamkurti (2014), "A comparative study of Authentication schemes with security and usability of IPAS", Journal of Internet Technology, No. 4, vol. 15, pp. 615-624
- Sadiq Almuairfi, Prakash Veeraraghavan, Naveen Chilamkurti (2014). "IPAS: user test phase and evaluation". The 2014 FTRA International Symposium on Frontier and Innovation in Future Computing and Communications (FCC 2014), Springer LNEE Proceedings, Auckland, New Zealand
- Sadiq Almuairfi, Prakash Veeraraghavan, Naveen Chilamkurti. "Anonymous Paperless Secure Payment (APSP) System using Clouds".

Courses and Research interests

- Computer Networks
- Networks Security
- E-Business , E-Commerce, M-Commerce
- Mobile Computing
- Cyber Security Principles
- Business Information Systems Management

Seminars and Presentations Attended

- MENA Information Security Conference, Riyadh, 2017
- Balance Score Card, Engineer, Safula Company
- Strategic Thinking, Consultant Dr. Ibrahim Shugdar
- Using IT in HR Management, Eng. Alaa Abdulghaffar, ZFP IT
- E-Commerce and Optical Networking, Saudi Oracle Company
- Internet of the Future, Lucent Technologies

Professional Affiliations, Training and Recognitions

- Certificate of qualify auditor from Saudi Education Evaluation Commission, Riyadh
- Member of the Audit Committee in Saudi Arabia Qualification Framework (SAQF)
- Information Technology Infrastructure Library (ITIL) V5.5 Certificate, Logitrain, Melbourne
- Infinity Leadership Program Certificate, La Trobe University, Melbourne.
- SAP ERP Integration of Business Processes, SAP Australia, Melbourne
- La Trobe Gold Award for engaging in volunteering and training activities
- IEEE Membership
- Australia-Arab countries partnership of the future (www.australia-arab.com)

Professional Development

- Program Learning Outcomes
- Enterprise Project Management
- Education Quality
- Coaching and Delegation
- Business Integration Processes
- Microsoft Training
- Managing Productivity
- Managing People
- Supervising Skills
- Public Speaking Skills
- Computer Science and Engineering Research
- Problem Solving & Decision Making

Reference: Dr. Prakash Veeraraghavan, La Trobe University, T:+61394791547, E:p.veera@latrobe.edu.au