

# Dr. Khalid Aldriwish

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## Personal objective

Highly goal-oriented and result-focused Associate Professor with PhD in Computer Science, vast experience in information technology especially in FinTech, and project management, strong experience seeing projects through the full life cycle, thorough understanding of project and program management techniques and methods, advanced knowledge of operating systems, solid background in higher education management, extensive experience teaching in an academic setting, and proven academic prowess. Seeking a position that utilizes my vast experience and strong communication, problem-solving, and interpersonal skills to support the organization's business goals and achieve corporate success.

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## Work Experience

### Associate Professor

#### Majmaah University | Jul 2014 - Present

- Plan and oversee the strategy for students' courses in order to accomplish the department's goal.
- Develop and deliver course material, curricula, and syllabus.
- Supervise students' graduation projects related to computer science and Information system.
- Conduct research, publish papers, and attend conferences.
- Attend academic events and network with other researchers and field experts.
- Supervise, advise, and mentor teaching assistants and graduate students.
- Guide and provide structure for graduate students to accomplish their projects.
- Write proposals to secure research funding.

### Assistant Professor

#### Almaarefa University | Jan 2013 - Jul 2014

- Serve as the Head of the computer sciences and information systems department.
- Assist with various departmental duties and provide academic support to Professors and other staff.
- Prepare the computer science and information security curriculum design and strategy to meet departmental goals.
- Recruit, train, and mentor new TAs and other junior staff.
- Represent the university at conferences and deliver presentations when necessary.
- Teach and supervise undergraduate and graduate students and guide them through their graduation projects.
- Provide Professors and other Departments Heads with feedback on student progress.

### Computer Programmer

#### Information Technology Department, Ministry of Education | Apr 1995 - Jan 2013

- Develop and write computer programs to perform specific tasks related to organizational goals.
- Take part in knowledge management; decide on an implementation strategy and problem-solving techniques.
- Determine the department's strategy and work plan, as well as the department's scope, objectives, and methodology.
- Create workflow diagrams and charts to demonstrate the functionality of departmental goals.
- Determine the necessary user functions, and then offer all relevant data in an analytical report and quick documentation.
- Train the user's employees and work with the other projects and subsidiaries to make arrangements.
- Control change during the course of a project by managing scope, progress, and forecast reporting.
- Run software tests to spot and resolve bugs and inconsistencies, and write code for software patches and bug fixes.
- Perform regular audits to identify software inefficiencies and mastermind ways to improve workflow.
- Collaborate with other departments to understand their needs and devise ways to accommodate them with software.

## Education

### Doctor of Philosophy Degree in Computer Science

De Montfort University, UK | 2012

### Master's Degree in Computer Science and Information Technology

De Montfort University, UK | 2006

### Bachelor's Degree in Computer Engineering

Riyadh College of Technology, Riyadh | 2004

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## Courses

- CompTIA Security+ | SA - Certified, Riyadh | Apr 2022
- Introduction to Data Science | Harvard University, USA | Oct 2021
- The Information Technology Infrastructure Library (ITIL) | SA - Certified, Riyadh | Jul 2021
- Exercising Leadership: Foundational Principles Course | Harvard University, USA | Mar 2021
- Project Management Professional, PMP | SA Information Technology, Jeddah | Mar 2021
- Diploma in Strategic Management, UK | Jul - Sep 2011
- Diploma in Leadership and Change Management, UK | Apr - Jun 2011
- Diploma in Human Resources Management, UK | Jan - Mar 2011
- Diploma in Information Resource Management, UK | Aug 2010
- APMG COBIT 5, SEP-2022- Riyadh, SA- Certified
- EC Council CEH, SEP-2022- Riyadh, SA- Certified

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## Skills

- Information Technology
- Information Security
- Project Management
- Strategic Management
- Human Resources Management
- Training Development
- Teaching and Research
- Leadership
- Communication
- Teamwork
- Analytical Thinking
- Problem Solving
- Time Management

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## Languages

**Arabic:** Native

**English:** Professional

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## Publications

- K.aldriwish, A Deep Learning Approach for Malware and Software Piracy Threat Detection, Engineering, Technology and Applied Science Research (ETASR), Greece, 6, 7757-7762, October 14, 2021
- Khalid Aldriwish, Design of an Adaptive Near Field Communication Technology using Finite State Machine within Web Services, The International Journal of Innovative Technology and Exploring Engineering (IJITEE), India, 2021,10,107-112
- Khalid Aldriwish, A double-blockchain architecture for secure storage and transaction on the Internet of Things networks, IJCSNS International Journal of Computer Science and Network Security, South Korea, 2021, 6, 119-126
- Khalid Aldriwish, An Automation Instructor System using Finite State Machine within Web services, IJCSNS International Journal of Computer Science and Network Security, 2021, South Korea, 2021, 7, 233-240