

Dr. Kamal Aldin Yousif Yaseen

Assistant Professor

Department of Information Systems....

كلية الاقتصاد والادارة ونظم المعلومات

جامعة نزوى، سلطنة عمان

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محول: 367

البريد الإلكتروني: k.yousif@unizwa.edu.om

موقع المكتب: H-24-11....

يعمل في الجامعة: منذ 2022

الحالة الاجتماعية: Married....

Dr. Kamal Aldin Yousif is an Assistant Professor at the University of Nizwa, Oman. He has obtained his Master's degree (MSc) and Ph.D.in Computer Science Dr. Kamal previously worked in many Sudanese universities and has a more than 20 years of experience in academic and administrative work, he was a former head of Information Technology Department and was a member of many councils and committees and supervised more than 300 graduation projects and scientific research in bachelor's and master's degrees and was an external examiner for a number of colleges Dr. Kamal ALdin has coauthored three academic books and contributed more than 15 research papers to several peer reviewed journals. He has a passion for research, reading, and writing, especially in his field (cybersecurity), where he authored and published a number of research papers, and constantly helps his students to innovate and complete research and scientific experiments. He has a number of papers and scientific projects in progress.He has attended numerous international conferences . Currently he is serving as researcher and Journal Reviewer member of several journals, In addition to his work as a professor at the University of Nizwa, he works as a volunteer for training in the field of Cyber Security security, artificial intelligence, and other computer sciences for government institutions and various volunteer agencies.

Scientific IDs:

ResearchGate

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المؤهلات الأكاديمية

PhD, of computer science، Omdurman Islamic University، 2018، Networks Scalable and Adaptable Security Modeling and Analysis.

PhD، Academy of john hiver (UK)، 2010، Security and Privacy of Data Communication in Wireless Networks

MSc، Aljazeera University، 2007، Development of Alert system for Intrusion Detection System Using Delphi programme to design SMS interface to detect the risks

BSc, of computer science، Sudan University، 2003، Computer Science

Diploma, of Computer Science، Sudan University، 2000

أنشطة التدريس

INFS309-Web Administration:، Comparing Web Server Platforms، This course provides an overview of what is required to build a Web site, including server administration, security, user interactivity and database integration. The students will plan a server, develop user and file security policies, design the server configuration, and understand the server interaction with search engines. The students will develop scripting programs that implement the appropriate business logic and interpret the user's input in order to access the database, configure many server 2012 tools and .services

INFS408-Digital Forensics::، In this course students will learn digital forensics fundamentals, policies, procedures, and mechanisms. Identification and interpreting electronic data. Data models, concepts and mechanisms for software, hardware and operating systems. Host forensics, network forensics and media forensics. The processes of uncovering and interpreting electronic data. To generate and preserve evidences in its most original form while performing a structured investigation by collecting, identifying and validating the digital information for the purpose of reconstructing past events. In addition, the basics of physical security, incidence response, .disaster recovery, business continuity, and forensics

INFS103-Internet Technology:، This course introduces students to computers; internet applications; the WWW, telnet, FTP, hypertext, browsers and their configurations and the relevance of computer methods to data storage and retrieval, The course also enhances .students` skills in the practical use of HTML & CSS languages to design and develop the website

INFS308-Web Security Services::، This Course provides a comprehensive guide to security for Web Services fundamentalism and their contemporary security concerns in the web services design. It covers in details all recent standards that address Web service oriented (SOA) architectures and their involved techniques such as SOAP, WSDL, UDDI, URI, beside the security approaches such as XML Encryption, XML Signature, WS-Security, and WS-Secure Conversation, as well as access control for simple and conversation-based Web services, advanced digital identity management techniques, and access control for Web-based workflows. It explains how these implement means for identification, authentication, and authorization with respect to security aspects such as .integrity, confidentiality, and availability

INFS322-Web Application:، This lab will teach you a bit of interactive Web page programming. There are many ways to program interactive Web pages. We will look at just one: PHP. PHP is a serious programming language, with many features. It is a server-side Web programming language. It is most commonly used with Web forms. You fill out a form on the Web page. The information in the form is sent back to the Web server when you click the submit button. The sever runs a PHP program which examines the information and decides what kind of response to send. The PHP program actually writes a Web page containing the response. That page is sent back to your browser, and your browser displays the page. The Web browser, Web server, and PHP program work together to produce that response.، Summer 2022-2023

INFS205-Introduction to Computer Security:، The course provides students with the necessary knowledge of information security concepts in order to secure networks, design secure protocols,

.and manage security risks. There will be a lot of hands-on experience with networking tools

INFS303-Data Structure and Algorithm:، This course discusses the basic techniques and issues in the design and analysis of efficient algorithms, and, implementation and manipulation of data structures. Topics to be studied include linked lists, stacks, queues, trees, graphs, storage management, hashing, internal and external searching and sorting. Applications to various areas .of computer science will be discussed. Programs are written in the C++ language

INFS304-Software Project Management:، This course is a survey course on the fundamental concepts and principles that underlies current and emerging methods, tools, and techniques for the cost-effective engineering of high-quality software systems. It is concerned with different aspects of the software development, from system specification to maintaining the system after it has gone into use. This includes technical processes of software development and the development of tools, methods, and theories to support software development. The course focuses on surveying some of the critical aspects of software engineering such as identifying appropriate design techniques, employing effective verification and validation strategies throughout the software development lifecycle, software maintenance, and software project .management

E-Business Strategy, Architecture and Design INFS201/L:، This course is focus on the linkage between organizational strategy and networked Information Technologies. The topics include: the purposes, functions, and structure of information systems in e-Commerce/E business, E-Business models, E-Business strategy, Technologies foundation system design for E-Business, and the development of E-Business.، Fall semester 2022-2023

Information System Theory and Practice، This course introduces the fundamental concepts of Information Systems which covers system components and relationships, cost/value and quality of information, application systems versus system software, database features, functions, and architecture, system development life cycle, characteristics of IS career paths, information security, crimes and ethics. ، 2025-2026

Introduction to Computer in Business، This course provides an introduction to business computer systems. Topics include functional components of Computers, Hardware and Software overview, Application Software (Word Processing, Spreadsheet and Database), Business Presentation Techniques, Email and Internet. This course deals with various Networking Technologies and Operating Systems trends. The students also will learn various new technologies in relation with Internet and web-based applications. It provides more information about various system and .Application Software use and requirements in business organizations

Problems Solving and Programming، This course introduces the students to think creatively in solving Problems using Programming. This course focuses on providing fundamental knowledge in Problem solving and Programming principles. The topics include Program structure, Language syntax, Control structures and Statements, Scope of Variables, Data types, Operators, Expressions, Arrays, Functions and Storage classes. The mathematical and scientific problems will .be solved using programming practices

الأنشطة البحثية

الاهتمامات البحثية ـ

Cybersecurity & Information Security

Computer Digital Forensics

E-Learning

Networks & Communication

Web Administration & Applications

AI and Machine Learning

العرض في المؤتمرات –

Open-Source Software in Academic Libraries، Oman, University of Nizwa، 09/12/2023

The Impact of the Information Security Policies on Organizational Performance، o 3rd International Conference on Cardiology (Hybrid Event)، Dubai, UAE ، 01/12/2023

The impact of security policies on the education institution، Oman، 10/03/2023

Attended، symposium on expanding the exchange of training and student creativity among Arab universities، Oman, University of Nizwa، 25/01/2023

Attended، International Symposium on Digital Business Transformation، Oman, Muscat.، , December 7, 2022

Attended، International Conference on Future Learning، Online، Dec 2022

Attended، International Conference on Future Learning، Onleine، Dec 2021

حضور المؤتمرات –

International Conference on Creative Engineering and Emerging Technologies (ICDEET 2026), ، Oman، 1/04/2026

The Fifth Regional Conference of the Arab Network for Quality Assurance in Higher Education، Oman، 6-7/12/2023

International Conference on Intelligent Systems and Artificial Intelligence Applications، Oman، 4/2026

International Conference on Applied Business & Economic Research (ICABER 2026)، UK، /2026

المنشورات –

مقال:

1. 2026 5G/6G NR Uplink Scheduling Interdependency and Real-Time QoS Trade-Off Analysis in OFDMA Systems
2. 2026 The double-edged sword: A critical review of foundational medical datasets for AI benchmarks, biases, and the future of equitable healthcare
3. 2025 Security Staffing Strategic Plan for Organizations Security Posture Enhancement
4. 2024 ?CAN AI GENERATE EFFICIENT AND ACCEPTED SPEECH
5. 2023 Patching Vulnerabilities to Improve the Security Posture in the Financial Transactions
6. 2023 The Impact of the Information Security Policies on Organizational Performance
7. 2023 https://www.jcreview.com/aboutus.php
8. 2022 Kamal Aldin Yousif Analysis, “Digital Education: The Cybersecurity Challenges of the Online Classroom 2019-2020”, Asian Journal of Computer Sciences and Technology Vol. 11 No. 2 (2022): July-December 2022.
9. 2022 Kamal Aldin Yousif Analysis, “Importance of Cybersecurity in The Higher Education Sector 2022”, Asian Journal of Computer Sciences and Technology Vol. 11 No. 2 (2022): July-December 2022, pp.20-24.

10. 2022 Kamal Aldin Yousif Analysis, “Security Status when Attacker Located Inside the Networked System”, International Journal of Computer Sciences and Engineering, Vol.10, Issue.11, pp.1-7, Nov-2022.

11. 2019 Kamal Aldin Yousif, ``Risk Analysis using Importance Measures (IMs)``, International Journal of Computer Science Issues, Volume 16 Issue 2/3/2019.

12. 2019 Kamal Aldin Yousif, `` Networks Security models Scalability Analysis `` Arab Journal of Sciences and Research Publishing (AJSRP), Volume 3 Issue 30/03/2019.

13. 2019 Kamal Aldin Yousif, `` Networks Security Assessment of Unknown Attacks `` IOSR Journal of Computer Engineering, Volume 21, Issue 1, 16/02/2019.

كتاب:

1. 2013 (Arabic 2013 Scientifically search for computers and it college).

2. 2012 (Arabic 2012 Security Vulnerabilities in Wireless Networks).

قسم كتاب:

1. 2024، Extending UTAUT Through Moderating Effects of Digitalization on the Audit Profession Adamu Pantamee Abdurrahman, Kamal Aldin Yousif, Armayau Alhaji Sani, Mujeeb Saif Mohsen Al-Absy & Ahmad Haruna Abubakar

الخبرة الإدارية

2022 ـ الآن: Member - College Web Coordinator-Arabic Version

2011 - 2021: Information technology department manager - Bahary college
Creat a computer science and information technology department

خدمة المجتمع

1/1/2023: GP supervisor and evaluator

22/09/2022: Programming competition preparation and evaluator

1/9/2022: College website Arabic version supervisor

2022: Manah charitable team

الأنشطة الاستشارية

Academic Advisor, College of Economics, Management & Information Systems, University of nizwa, Nizwa، 2022

Information system expert، Lifelong learning institute، the syllabus of cybersecurity، 2022- 2024

Information system expert، Lifelong learning institute، IC3، 2023

Information system expert، Lifelong learning institute، Papering several computer courses syllabuses ، 2022

Final project external examiner، UTAS, Nizwa، 2/2026- 2/2026

العضوية في الهيئات المهنية

2022–الآن: Asian Journal of Computer Sciences and Technology

2018-2024: IEEE :Present

الجوائز والتقدير

2014 A+

2013 IC3

2005 Microsoft MCSA/MCSE

2001 Computer maintenance

المرجع: https://www.unizwa.edu.om/staff/cemis/k.yousif