DR. AZAN HAMAD ALKHOREM

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https://faculty.mu.edu.sa/home/show/360/cv

EDUCATION

PhD of Science | *Computer Science*   May. 2024
University of Idaho   Idaho, Moscow, USA

Master of Science | *Information Security*   Dec. 2013
Lewis University   Romeoville, Illinois, USA

Bachelor of Science | *Computer Engineering*   May 2011
Florida Institute of Technology   Melbourne, Florida, USA

Associate Degree | *Technical Support*   June 2004
College of Technology   Saudi Arabia

WORK EXPERIENCE

Assistant Vice Dean of E-Learning deanship for educational Affairs   October 2014 – October 2015
Deanship of E-Learning and Distance Learning   Majmaah University
- Train faculty in e-learning methods and tools.
- Support faculty for effective online course delivery.
- Coordinate e-learning exams for all colleges.
- Ensure secure and efficient online exam processes.
- Provide effective support for faculty facing e-learning exam issues.

Head of E-learning Unit   October 2014 – December 2018
College of Computer Sciences and Information Technology   Majmaah University
- Design and deliver customized e-learning training for faculty and students.
- Ensure ongoing help for faculty and students to do well in creating effective online courses.
- Create special training for both faculty and students to do well in online learning.
- Make programs to help faculty and students succeed in e-learning.
- Manage the planning and execution of e-learning exams for both faculty and students.
- Conduct secure and efficient exam processes within the online learning environment.
- Implement strategies to enhance student engagement in e-learning.
- Coordinate exam schedules, training sessions, and strategies effectively.
- Provide assistance for faculty and students facing e-learning challenges.

Information Security Researcher   March 2014 – August 2014
Innovative Solutions Company   Riyadh, Saudi Arabia
- Risk Assessment, Auditing, Discovering Vulnerabilities, and Policies.
- Using Qualys with dashboard software created by teamwork from the company.
- Security Awareness.

Technical Support   June 2005 – August 2005
Saudi Red Crescent Authority   Riyadh, Saudi Arabia
- Setting up and configuring computer hardware, operating systems, and applications.
- Monitoring and maintaining computer systems and networks.
- Guiding employees in setting up systems or resolving issues in person or over the phone.
- Resolving system and network issues, diagnosing hardware or software faults.
- Fixing and replacing equipment components.

Teaching Experience

Computer Sciences and Information Technology College	2014 to present

Majmaah University — Majmaah, Saudi Arabia
CS 312 Computer Organization
CS 442 Computer Security
IS 231 Fundamental of Database
IS 232 Database Management System
IT 331 Human Computer Interaction

College of Business Administration	2015

Majmaah University — Majmaah, Saudi Arabia
INF 110 Computer Skills and Information Technology

College of Medicine	2024

Majmaah University — Majmaah, Saudi Arabia
PCOA 100 Digital Science

College of Applied Medical Sciences	2024

Majmaah University — Majmaah, Saudi Arabia
PCOA 100 Digital Science

Research and Projects

Access Control Policy Research	Fall 2024

University of Idaho

How To Protect Sensitive Files on Computer.	Fall 2013

Lewis University

Voice Controlled Robot Project	Spring 2011

Florida Institute of Technology

Publications

1. **Alkhorem, Azan Hamad. and Conte de Leon, Daniel Jillepalli, Ananth A and Jia Song**, A Structured and Comprehensive Literature Survey on Access Control Delegation Models and their Properties and An Analysis of Knowledge Gaps,& Tutorials, *Under Review.*

2. **Alkhorem, Azan Hamad. and Conte de Leon, Daniel and Jillepalli, Ananth A. and Jia Song.** *Extending Policy Processing of the Hierarchical Policy (HPol) Access Control Model: Evaluating Policy, Redundancy, Partial and Conflict Detection. Elsavier 2024, Under Review.*

3. **Alkhorem, Azan Hamad. and Conte de Leon, Daniel and Jillepalli, Ananth A. and Jia Song.** *Delegation Processing in the Hierarchical Policy (HPol) Model Access Control: Evaluating Permission to Delegate and Delegation Combinations with Policy. Elsavier 2024, In Preparation.*

Conferences

DEF CON Hacking Conference - Code of Conduct	August 5, 2021

Paris Las Vegas, USA

The ACM Symposium on Access Control Models and Technologies (SACMAT)	June 16, 2021

Barcelona, Spain - virtually

Cybersecurity in Government Virtual Cybersecurity Summit	October 21, 2021

USA

Philadelphia Virtual Cybersecurity Summit	September 16, 2021

USA

Canada East Virtual Cybersecurity Summit	September 8, 2021

Canada

Florida Caribbean Virtual Cybersecurity Summit   June 16, 2021
USA

Nashville Virtual Cybersecurity Summit   December 10, 2020
USA

Atlanta Virtual Cybersecurity Summit   December 2, 2020
USA

Dallas Virtual Cybersecurity Summit   November 11, 2020
USA

St.Louis & Oklahoma Virtual Cybersecurity Summit   October,29 2020
USA

Security Conference   May 2013
Embassy Suites Detroit, USA

CERTIFICATIONS

- Certified Ethical Hacker v13(CEH)
- Certified Network Defender
- Security+ (CompTIA)
- MTA (Microsoft Technology Associate)
- ACE (AccessData Certified Examiner)
- Executive Leadership Professional Development
- Project Management Professional Development
- Hacking Countermeasures
- Computer Applications
- Human Resources Development Fund
- Motivating Students

TRAINING

- Hacking and Cyber Security
- Ethical Hacking and Cyber Security
- Digital Forensics with FRED and Forensics Foundations
- Desire To Learn Training (D2L)
- TOT. Training Of Trainer
- Training on Teaching Online Courses
- Courses Designing and Developing in e-Learning Management System
- The use of iPad in education at Majmaah University
- E-learning techniques for people with special needs at Majmaah University
- Development of University Sites at Majmaah University
- Learning patterns according to Kolb model at Majmaah University
- Personality Effectiveness
- Majmaah University represented by the Seifal Center at Majmaah University
- Introduction to the Python language

- Completing the Course Cybersecurity
- SDL,e-Training IEEE
- SDL,e-Training SpringerLink-Springer Online Platform
- Utilizing the 2030 Sustainable Development Goals to Empower the Saudi Green Initiative
- The family and its role in enhancing children's motivation to learn
- Bring your data to life with Google Earth and the Gold Server software at Majmaah University
- Enhancing Academic Success with AI-Driven Tools
- How to get published in top quartile journals
- Application mechanism on the Research Ethics Platform at Majmaah University
- Discover your child's intelligence at Majmaah University
- Writing a research plan
- Artificial Intelligence and Machine Learning in Biomedical Sciences
- Combating Cybercrime
- Content Creation
- Methods of caring for gifted people with disabilities
- Content Creation
- Sources and references relied upon by the legal researcher
- Comprehensive access for people with disabilities in the Kingdom of Saudi Arabia: between reality and hope
- Research expert support for research teams
- Discover the research gap
- Innovation and Technology
- Preparing the research plan
- The role of a supportive work environment in achieving job satisfaction for working people with disabilities
- Questionnaire Use Skills from Design to Analysis (Practical)
- E-marketing for small businesses
- The ideal style for writing scientific research
- Scientific data collection skills
- How to Write a Research Grant Proposal
- Systematic Review - Screening Process
- Critical analysis and constructive criticism in scientific research
- Elsevier-Introduction-certified-peer-reviewer
- Elsevier-What to expect from the Certified Peer Reviewer Course?
- Elsevier-What is peer review? Why peer review?
- Elsevier-How to get involved
- Elsevier-Models of peer review
- Elsevier-Tips for writing a truly terrible review
- Elsevier-How to become a reviewer and what do editors expect?
- Elsevier-How reviewers become editors

- Elsevier-The typical peer review process

- Elsevier-How to write a helpful peer review report

- Elsevier-The comments to editors and decision recommendations

- Elsevier-How to peer review a review article

- Elsevier- Successfully completed all modules within the topic Certified Peer Reviewer Course

- Certified Peer Reviewer Course Assessment

- Becoming a peer reviewer

- How to review a manuscript

SKILLS

- Windows, Linux, VMware, VirtualBox,Virtualization, Windows Server 2008 R2, Mac OSX and BackTrack

- LANGUAGES: Python , C, C++, PHP, SQL, and Assembly

- WEB: HTML, CSS

- APPLICATIONS: Microsoft Office,Wireshark, Snort, FTK and Kismak

- HARDWARE/SYSTEMS: PC, Mac, Virtualization, backup

MEMBERSHIPS

- IEEE- The Institute of Electrical and Electronics Engineer

- ACM - Association for Computing Machinery

VOLUNTEER WORKS

- Volunteer supporter, Saudi Student Association, Nebraska, Lincoln
  Certificate of Appreciation from University of Nebraska, Lincoln

- Volunteer supporter, Saudi Student Carnival Committee - SACM
  Certificate of Appreciation from Saudi Student Carnival Committee

- Volunteer member , Saudi Student Club at Lewis University

- Volunteer member , Saudi Student Union at Florida Institute of Technology

LANGUAGES

- English

- Arabic