

## PERSONAL INFORMATION


Mohammad Naser Aladwan



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 Dr. Mohammad N Aladwan

Academic Rank: Assistant Professor

Sex Male | Date of Birth Dec 1<sup>st</sup>, 1982 | Citizenship Jordanian, American.

## EDUCATION AND TRAINING

### 2020 Ph.D. of Information Technology (Cyber Security, Artificial intelligence)

Santiago de Compostela University (USC), (Shanghai Ranking 400-500), Spain.

### 2010 Master of Information Technology (Information Security)

Central Queensland University (CQU), Australia

### 2005 Bachelor's Degree in Information Technology

Al-Balqa' Applied University (BAU), Jordan.

## WORK EXPERIENCE

Oct 2022 – Present

### Assistant Professor – Jerash Private University (INU)

Jerash, Jordan.

<http://www.jpu.edu.jo/>

Jan 2021 – Sep 2022

### Assistant Professor - Irbid National University (ANU)

Irbid, Jordan.

<http://www.inu.edu.jo>

Jul 2021 – Aug 2022

### Project Manager - E-learning Center - Irbid National University (ANU)

Irbid, Jordan.

<http://www.inu.edu.jo>

Sep 2018 – June 2019

### Lecturer - Santiago de Compostela University (USC)

Praza do Obradoiro, 0, 15705 Santiago de Compostela, A Coruña - Spain.

<https://www.usc.gal>

Feb 2017 – Aug 2020

### Researcher - Santiago de Compostela University (USC)

Praza do Obradoiro, 0, 15705 Santiago de Compostela, A Coruña - Spain.

<https://www.usc.gal>

Apr 2013 – Feb 2017

### **Business Information Security Analyst - Citigroup, Network Operator Center**

6400 Las Colinas Blvd, Irving, TX 75039, USA.

<http://www.citigroup.com>

- Reviewing and analyzing IS Incidents to identify those that pose a significant risk to the Citigroup franchise and its affiliates and escalating those IS Incidents in accordance with Citigroup policy and procedures.
- Reviewing the details of all reported incidents to determine whether they constitute an IS Incident.
- Reviewing and verifying the accuracy of the reported severity level of an incident.
- Providing technical subject matter expertise to mitigating risk to impacted parties throughout an incident.

Mar 2011- Apr 2013

### **Information Security Analyst - WellCare Health Plans**

WellCare Health Plans P.O. Box 31372 Tampa, FL 33631-3372

<http://www.wellcare.com>

- Monitor and analyze Intrusion Detection Systems (IDS) to identify security issues for remediation.
- Recognizes potential intrusion attempts and compromises thorough reviews and analyses of relevant event detail and summary information
- Ensures the integrity and protection of networks, systems, and applications by technical enforcement of organizational security policies, through monitoring of vulnerability scanning devices.
- Assists with implementation of countermeasures or mitigating controls.
- Participates in special projects as required.

Mar 2010 – Jan 2011

### **Junior C#/ASP.NET Developer - DreamzTech Australia Pty Ltd**

DreamzTech Lvl 19/ 10 Eagle St, Brisbane, QLD 4000

[www.dreamztech.com.au](http://www.dreamztech.com.au)

- Analysis of business requirements.
- Design of web applications and software solutions.
- Undertaking software development of web applications within a Microsoft environment.
- Deployment of software solutions.
- Provision of advice in relation to all aspects of web development activities.

Aug 2006 – Feb 2008

### **IT Administrator - Manaseer Group**

Manaseer Group, 302 King Abdullah II St, Amman, Jordan,

<http://www.manaseergroup.com/>

- Systems administration.
- Windows server 2003 and database administration.
- Managing networks and website administration.
- Problem resolution, including problem and data analysis and the escalation of issues to Engineering.

Jun 2005 –Aug 2006

### **Server & Network Admin - Companies Control Department (CCD)**

Ministry of Industry and Trade, 18 Queen Nour Road. Amman, Jordan,

<http://www.ccd.gov.jo/en>

- Troubleshoot infrastructure related problems (Server, LAN, router, firewall, and backups).
- Install and configure servers, switches, routers, etc.
- Create and maintain technical documentation.

## PUBLICATIONS

- **Aladwan, M.N.**, Awaysheh, F.M., Alawadi, S., Alazab, M., Pena, T.F. and Cabaleiro, J.C., **2020**. Trustworthy evaluation framework for industrial connected vehicles in the cloud. *IEEE Transactions on Industrial Informatics*, 16(9), pp.6203-6213. **(Scopus Indexed = Q1 , 10.21 Impact Factor)**.
- Awaysheh, F.M., **Aladwan, M.N.**, Alazab, M., Alawadi, S., Cabaleiro, J.C. and Pena, T.F., **2021**. Security by Design for Big Data Frameworks Over Cloud Computing. *IEEE Transactions on Engineering Management*. **(Scopus Indexed = Q1, 6.146 Impact Factor)**.
- **Aladwan, M.**, Awaysheh, F., Cabaleiro, J., Pena, T., Alabool, H. and Alazab, M., **2019**, August. Common security criteria for vehicular clouds and internet of vehicles evaluation and selection. In *2019 18th IEEE International Conference on Trust, Security And Privacy In Computing And Communications/13th IEEE International Conference On Big Data Science And Engineering (TrustCom/BigDataSE)* (pp. 814-820). IEEE.
- Hussam N Fakhouri, Sadi Alawadi, Feras M Awaysheh, Faten Hamad, Sawsan Alzubi, **Mohammad Naser Aladwan, 2023** An Overview of using of Artificial Intelligence in Enhancing Security and Privacy in Mobile Social Networks. Eighth International Conference on Fog and Mobile Edge Computing (FMEC)

## Ph.D. THESIS

- **Thesis Title: A framework for evaluating security, trust, and efficiency of sustainable cloud computing for big data processing.**
- *Supervisor: Prof. Tomás Fernández Pena and Prof. José Carlos Cabaleiro.*

## CONFERENCES

- **Organizer** at the International Conference on Computing and Communication Networks (ICCCN 2021), SPECIAL SESSION ON (Emerging Trends in Big Data and Edge Intelligence Privacy: Architectures and Applications), Manchester, United Kingdom, 19-20th NOVEMBER, 2021
- **Presenter** at International Conference on Trust, Security And Privacy In Computing And Communications, in Rotorua, New Zealand: **Aladwan, M.**, Awaysheh, F., Cabaleiro, J., Pena, T., Alabool, H. and Alazab, M., 2019, August. Common security criteria for vehicular clouds and internet of vehicles evaluation and selection. In *2019 18th IEEE International Conference on Trust, Security And Privacy In Computing And Communications*.

## QUALIFICATIONS, OTHER EDUCATION, AND TRAINING

### Language(s)

- Excellent command of Arabic both spoken and written (native)
- Excellent command of English both spoken and written

### Communication, organizational, and managerial skills

- Excellent ability to speak effectively in any forum relevant at different levels, convey complex information to diverse audiences, and present in front of large or small groups.
- Excellent ability to negotiate and resolve conflict with diverse stakeholders to advance the mission of an organization
- Excellent ability to manage a project, organize, plan, and manage research/work, maintain records, navigate complex environments, organize and plan events, prepare programs, panels, or presentations, and recruit others to participate.
- *Highly adaptable, flexible professional who embraces teamwork, but also enjoys working independently.*
- Excellent administration skills that were gained through assigning roles to staff members according to capabilities

### Other Education and Training

- CCNA Certificate, Balqa' Applied University – Computer Centre.
- CompTIA security + certificate, STS Training Centre in Jordan in 2011.
- Basic Case management training.
- Attended Solaris Administration 1 – 18 Hours, STS Training Centre in Jordan in 2006.
- Project Management for Development Professionals

## University Committees

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- Establishing new programs committee in Irbid National University (2021)

## REFERENCES

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Name: Prof. Tom as Fern andez Pena. CITIUS research center.

Address: CITIUS, R ua de Jenaro de la Fuente Dom nguez., 15782, Santiago de Compostela, Spain

Tel: +34881816439

Email: [tf.pena@usc.es](mailto:tf.pena@usc.es)

Name: Prof. Jos e Carlos Cabaleiro, Researcher. CITIUS research center.

Address: CITIUS, R ua de Jenaro de la Fuente Dom nguez., 15782, Santiago de Compostela, Spain

Tel: +34881816421

Email: [jc.cabaleiro@usc.es](mailto:jc.cabaleiro@usc.es)

Name: Dr. Sadi Abed Alhaleem Alawadi, Assistant Professor at Malm  University.

Address: Department of Computer Science and Media Technology, Malm  University, Sweden

Tel: +46704926196

Email: [sadi.alawadi@mau.se](mailto:sadi.alawadi@mau.se)

Name: Dr. Majd Jarrar, Assistant Professor at The University of Jordan.

Address: Department of Occupational Therapy, The University of Jordan, Amman, Jordan

Tel: +962798205704

Email: [m.jarrar@ju.edu.jo](mailto:m.jarrar@ju.edu.jo)

Name: Dr. Motasem\_Eawas, Assistant Professor at Irbid National University.

Address: Dean of information technology, irbid National University, Irbid, Jordan

Tel: +962799986560

Email: [motasem\\_eawas@inu.edu.jo](mailto:motasem_eawas@inu.edu.jo)

Name: Dr. Bajes Al-junaeidi, Assistant Professor at Ajloun National University.

Address: Dean of information technology, Ajloun National University, Ajloun, Jordan

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