PERSONAL INFORMATION   Mohammad Naser Aladwan

⌂ Amman, Jordan

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Dr. Mohammad N Aladwan

Academic Rank: Assistant Professor

Sex Male| Date of Birth Dec 1st, 1982| Citizenship **Jordanian, American.**

EDUCATION AND TRAINING

Ph.D. of Information Technology (Cyber Security)   2020
Santiago de Compostela University (USC), (**Shanghai Ranking 400-500**),, **Spain**.

Ph.D. of Information Technology (Artificial intelligence)   2020
Santiago de Compostela University (USC), (**Shanghai Ranking 400-500**), **Spain**.

Master of Information Technology (Information Security)   2010
Central Queensland University (CQU), **Australia**

Bachelor's Degree in Information Technology   2005
Al-Balqa' Applied University (BAU), Jordan.

PUBLICATIONS

- **Aladwan, M.N**., Awaysheh, F.M., Alawadi, S., Alazab, M., Pena, T.F. and Cabaleiro, J.C., **2020**. Truste-vc: 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.

Ph.D. THESIS

- **Thesis Title: A framework for evaluating security, trust, and efficiency of sustainable cloud computing for big data processing.**
- *Supervisor: Prof. Tom ́as Fern ́andez Pena and Prof. Jos ́e 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.*

WORK EXPERIENCE

Jan 2021 – Present

Assistant Professor - Irbid National University (INU)
Irbid, Jordan.
http://www.inu.edu.jo/?page_id=10651

June 2018 – Sep 2019

Researcher - 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.
- Root Cause Analyses (RCAs), Lessons Learned and SIRT Remediation Plans throughout the incident lifecycle till closure.

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

- 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 Noor 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.

TAUGHT COURSES

- **Introduction to digital forensics**
- **Ethical hack**
- **Principles of Cyber Security**
- **Python**
- **Artificial Intelligence**
- **Cognitive Computing**
- **Machine Learning**
- **Expert System**

QUALIFICATIONS, OTHER EDUCATION, AND TRAINING

Language(s)

- Excellent command of Arabic both spoken and written (native)
- Excellent command of English both spoken and written
- Limited working proficiency in Spanish

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.
- Attended Solaris Administration 1 – 18 Hours, STS Training Centre in Jordan in 2006.

University Committees

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

REFERENCES

Name: Prof. Tom´as Fern´andez Pena. CITIUS research center.
　　　Address: CITIUS, Rúa de Jenaro de la Fuente Domínguez., 15782, Santiago de Compostela, Spain
　　　Tel: +34881816439
　　　 Email: tf.pena@usc.es

Name: Prof. Jos´e Carlos Cabaleiro, Researcher. CITIUS research center.
　　　Address: CITIUS, Rúa de Jenaro de la Fuente Domínguez., 15782, Santiago de Compostela, Spain
　　　Tel: +34881816421
　　　 Email: jc.cabaleiro@usc.es

Name: Dr. Sadi Abed Alhaleem Alawadi, Assistant Professor at Malmö University.
　　　Adress: Department of Computer Science and Media Technology, Malmö University, Sweden
　　　Tel: +46704926196
　　　 Email: sadi.alawadi@mau.se

Name: Dr. Khalid Alkharabsheh, Assistant Professor at Al Balqa Applied University.
　　　Adress: Department of Computer Science, Al Balqa Applied University, Al-Salt, Jordan
　　　Tel: +962791170475
　　　Email: khalidkh@bau.edu.jo

Name: Dr. Majd Jarrar, Assistant Professor at The University of Jordan.
　　　Adress: Department of Occupational Therapy, The University of Jordan, Amman, Jordan
　　　Tel:+962798205704
　　　Email: m.jarrar@ju.edu.jo