



BILAL I. ISSA

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PROFILE

Dr. Bilal is an Assistant Professor and international cybersecurity expert with a Ph.D. from SMU, Dallas-Texas , USA . He has extensive experience in teaching, research, training, and leadership in computer and cyber security, including privacy, risk assessment, cryptography, intrusion detection, and ethical hacking. He provides digital transformation guidance and specialized cybercrime training.

Personal Data

Date of birth: 1977

Nationality: Jordanian

EDUCATION

- ◆ **PH.D** – Computer security and privacy protection
Southern Methodist University , Dallas, TX, USA (2015)
- ◆ **Master** – Southern Methodist University , Dallas, TX, USA (2006)
- ◆ **Bachelor** - Computer Science, Mutah University, Karak , Jordan, (1999).

WORK EXPERIENCE

1. **Assistant professor:** Cybersecurity and Cloud Computing Department, Ajloun National University 2025-Until Now.
2. **Assistant Professor, Computer Science Department Al-Hussein Bin Talal University (AHU), Maan, Jordan | 2015 – 2025:**
 - Teach cybersecurity and network security courses for undergraduate and graduate students.
 - Supervise advanced research projects, focusing on digital anonymity, privacy protection, information security, cyber threat detection, digital forensics, and cybercrime analysis.
 - Conduct advanced cybersecurity research, including cloud security, big data analysis in cybersecurity, and development of intelligent intrusion detection systems.
 - Serve in multiple college committees to enhance academic work, research, and student/staff social life.
 - Deliver seminars and training courses for students and staff, and coordinate student teams for national/international competitions.
3. **DBA, Software Developer, Analyst, Software Development Center Al-Hussein Bin Talal University (AHU), Maan, Jordan | 2001 – 2005**
 - Led comprehensive computerization efforts for Al-Hussein Bin Talal University, including the implementation and management of financial and knowledge systems.
 - Provided technology solutions encompassing networking, customized software, and security monitoring systems.
 - Performed system analysis, requirement elicitation, objective studies, planning future upgrades, and ensuring systems compatibility.



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Publications

- Light-Weight, Semi Context-Free, Rule-Based Arabic Text Classifier For Pos Tagging, JJCIT Journal , Sep. 2025, (recent , accepted)
- Pulmonary Edema and Pleural Effusion Detection Using EfficientNet-V1-B4 Architecture and AdamW Optimizer from Chest X-Rays Images , Computers, Materials & Continua 2024 | Journal article
DOI: 10.32604/cmc.2024.051420
- Predictive modeling for breast cancer based on machine learning algorithms and features selection methods ,International Journal of Electrical and Computer Engineering (IJECE) 2024-04-01 | Journal article
DOI: 10.11591/ijece.v14i2.pp1937-1947
- Encountering distributed denial of service attack utilizing federated software defined network , International Journal of Electrical and Computer Engineering (IJECE) 2024-02-01 | Journal article
DOI: 10.11591/ijece.v14i1.pp574-588
- A novel defect detection method for software requirements inspections International Journal of Electrical and Computer Engineering (IJECE) 2023-10-01 | Journal article
DOI: 10.11591/ijece.v13i5.pp5865-5873
- Information Technology Students' Perceptions Toward Using Virtual Reality Technology for Educational Purposes , International Journal of Interactive Mobile Technologies (IJIM) 2023-04-05 | Journal article
DOI: 10.3991/ijim.v17i07.37211
- Toward Multi-Service Electronic Medical Records Structure ,Biomedical Engineering , 2011 | Book chapter . DOI: 10.1007/978-1-4614-0116-2_19
- Sensor deployment using Billiards algorithm, WMSCI 2008 - The 12th World Multi-Conference on Systemics, Cybernetics and Informatics, Jointly with the 14th International Conference on Information Systems Analysis and Synthesis, ISAS 2008 - Proc.
- Sensor replacement based energy mapping 21st International Conference on Computer Applications in Industry and Engineering, CAINE 2008 2008 | Conference paper
- Towards multiservice sensor networks , 21st International Conference on Computer Applications in Industry and Engineering, CAINE 2008