



Albara Awajan

📍 **Work** : Cyber Security Department, Artificial Intelligence Faculty , Al-Balqa Applied University , 19117, Al-Salt, Jordan

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Date of birth: 3 May 1979 **Nationality**: Jordanian

WORK EXPERIENCE

[10 Nov 2023 – Current]

Director of Innovation, Creativity and Entrepreneurship Center

Al-Balqa Applied University

City: alsalt | **Country**: Jordan

- Spreading the culture of innovation, creativity and leadership through seminars, courses, conferences and competitions
- Establishing cooperative partnerships with local and international institutions.
- Processing of patent registration with the relevant authorities.
- Activating the role of business incubators that is aimed at developing and supporting creative ideas to labor market.
- Marketing creative and innovative products and projects, and outstanding applied research outputs.

[20 May 2023 – Current]

Full Professor

Cyber Security Department/ Faculty of Artificial Intelligence / Al-Balqa Applied University

City: alsalt | **Country**: Jordan

- lecture planning, preparation and research
- contact and teaching time with students
- checking and assessing students' work
- encouraging personal development via tutorial or pastoral work
- invigilating examinations
- attending staff meetings
- general administration
- writing research proposals, papers and other publications

[17 Jul 2015 – 19 May 2023]

Associate Professor

Cybersecurity Department, Faculty of Artificial Intelligence, Al-Balqa Applied University

City: Al-Salt | **Country**: Jordan

- preparation of the Cybersecurity curriculum program in the department
- preparation of the Digital Forensics curriculum program in the department
- lecture planning, preparation, and research
- contact and teaching time with students
- checking and assessing students' work
- encouraging personal development via tutorial or pastoral work
- invigilating examinations
- attending staff meetings
- general administration
- writing research proposals, papers and other publications

[8 Sep 2008 – 16 Jul 2015]

Assistant Professor

Computer Engineering Department/ Al-Balqa Applied University

City: Al-Salt | **Country:** Jordan

- lecture planning, preparation and research
- contact and teaching time with students
- checking and assessing students' work
- encouraging personal development via tutorial or pastoral work
- invigilating examinations
- attending staff meetings
- general administration
- writing research proposals, papers and other publications

[1 Oct 2019 – 29 Sep 2021]

Head of Department

Al-Balqa Applied University

City: Al-Salt | **Country:** Jordan

Autonomous Systems Department

- The responsibility and accountability for setting and advancing the academic strategy of the Department in line with Faculty and University strategic plans
- Development and sustainment of appropriate structures for management, consultation, decision-making and communication with staff and students
- Ensuring the highest levels of quality, integrity and ethics in all research undertaken.
- Ensuring that University HR policies and procedures are implemented.
- Ensuring that staff performance is managed appropriately and that fair workload allocation processes are in place
- Ensuring all staff have access to the necessary support to enable them to contribute fully and develop their skills and experience.

EDUCATION AND TRAINING

[5 Oct 2005 – 7 Jul 2008]

PhD in QoS routing for Real-Time and Multimedia Applications

University of South Wales (University of Glamorgan) <https://www.southwales.ac.uk/>

City: Cardiff | **Country:** United Kingdom |

- Research
- Public Speaking
- Project Management
- Leadership
- Adaptability
- Technical Writing

[3 Oct 2003 – 15 Sep 2004]

Masters of Computer Science in Multimedia and Internet Computing

University of South Wales (University of Glamorgan)

City: Cardiff | **Country:** United Kingdom |

Multimedia and the web

Hypermedia Systems

Project management and research

ICT systems development

Network and distributed systems

M.Sc. Project

[1 Sep 1997 – 7 Aug 2001]

Bachelor of Computer Science

Mutah University

City: AL-Kerak | **Country:** Jordan |

programming skills

Advanced programming

Data Structures

Object Oriented Programming

Algorithms

Discrete Math

LANGUAGE SKILLS

Mother tongue(s): Arabic

Other language(s):

English

LISTENING C2 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

My Digital Skills

Web Design | Mobile programming | Security Awareness | Network protocols | Programming Languages - C,C++,Java,HTML and MS SQL server

PUBLICATIONS

[2023]

[Emotion detection of social data: APIs comparative study](#)

Reference: B Abu-Salih, M Alhabashneh, D Zhu, A Awajan, Y Alshamail

Link: [https://www.cell.com/heliyon/pdf/S2405-8440\(23\)03133-X.pdf](https://www.cell.com/heliyon/pdf/S2405-8440(23)03133-X.pdf)

[2023]

[Cyber-Physical System Security Based on Human Activity Recognition through IoT Cloud Computing](#)

Reference: Sandesh Achar, Nuruzzaman Faruqui, Md Whaiduzzaman, Albara Awajan, Moutaz Alazab

[2023]

[ENHANCING ARABIC FAKE NEWS DETECTION FOR TWITTERS SOCIAL MEDIA PLATFORM USING SHALLOW LEARNING TECHNIQUES](#)

Reference: ALBARA AWAJAN

[2023]

[A novel deep learning-based intrusion detection system for IOT networks](#)

Reference: Albara Awajan

[2022]

[A new intrusion detection system based on Moth-Flame Optimizer algorithm](#)

Reference: Moutaz Alazab, Ruba Abu Khurma, Albara Awajan, David Camacho

[2022]

[Optimized machine learning-based intrusion detection system for fog and edge computing environment](#)

Reference: OA Alzubi, JA Alzubi, M Alazab, A Alrabea, A Awajan, I Qiqieh

[2022]

[Fake-news detection system using machine-learning algorithms for arabic-language content](#)

Reference: M Alazab, A Awajan, A Alazab, A Alhyari, R Saadeh

[2022] [**Fake News Detection and Prevention Using Artificial Intelligence Techniques: A Review of a Decade of Research**](#)

Reference: Albara Awajan, Moutaz Alazab, Ruba Abu Khurma, Reem Alsaadeh

[2021] [**Blockchain technology in supply chain management: an empirical study of the factors affecting user adoption/acceptance**](#)

Reference: M Alazab, S Alhyari, A Awajan, AB Abdallah

[2021] [**Digital forensics classification based on a hybrid neural network and the salp swarm algorithm**](#)

Reference: Moutaz Alazab, Ruba Abu Khurma, Albara Awajan, Mohammad Wedyan

[2020] [**Intelligent mobile malware detection using permission requests and API calls**](#)

Reference: M Alazab, M Alazab, A Shalaginov, A Mesleh, A Awajan

[2020] [**COVID-19 prediction and detection using deep learning**](#)

Reference: Moutaz Alazab, Albara Awajan, Abdelwadood Mesleh, Ajith Abraham, Vansh Jatana, Salah Alhyari

[2024] [**Integration Approaches for Heterogeneous Big Data: A Survey**](#)

Reference: Wafa'Za'al Alma'aitah, Fatima N Quraan, Rami S Alkhawaldeh, Moutaz Alazab, Albara Awajan

Write here the description...

[2024] [**A Novel IDS with a Dynamic Access Control Algorithm to Detect and Defend Intrusion at IoT Nodes**](#)

Reference: Moutaz Alazab, Albara Awajan, Hadeel Alazzam, Mohammad Wedyan, Bandar Alshawi, Ryan Alturki

ORGANISATIONAL SKILLS

Organisational skills

Planning: I have gained this experience withing my work as head of department where I had to schedule course tables for students and schedule thier exam tables.

Decision making: I have gained this experience from my role as chair for student disciplinary committee

Team work: I gained this skill by working with my colleges and interacting in regular meeting and dividing major work between us.

COMMUNICATION AND INTERPERSONAL SKILLS

Communication and interpersonal skills

- very good communication skills with students gained from my experience in teaching and training in my department

-Very good communication with children from my experience in giving voluntry training for kids in programming