

Date: 30/4/2025



## CURRICULUM VITAE

### PERSONAL INFORMATION

Faculty Member Name: Randa Ahmad Ibrahim Al-Wadi  
Academic Rank: Assistant Teacher  
College: Information Technology (IT)  
Department: Software Engineering  
Nationality: Jordanian  
Address: Amman-Jordan  
Phone No: -  
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### ACADEMIC QUALIFICATIONS

Degrees with fields, institution, and date

- B.S. in Information Technology (IT) – Network and Security Track, King Saud University, 2018.
- M.Sc. in Software Engineering, Isra University, 2022. Thesis title: A Generic Performance-Centric Design of Authentication and Authorization within a Microservice Architecture.

### ACADEMIC EXPERIENCE

#### 2024-now

- University: Amman Arab University
- Academic Rank: Assistant Teacher
- Date the rank was granted: 2024
- The body granting the rank: Amman Arab University
- College: Information Technology (IT)
- Country: Jordan

### NON-ACADEMIC EXPERIENCE

- Duration: -
- Institution: -
- Department: -
- Country: -

### CERTIFICATIONS OR PROFESSIONAL REGISTRATIONS

- Practicing Academic Profession Permission.
- IELTS Academic Exam, B2 level: upper-intermediate.
- Training of Trainers (TOT), Light of Knowledge Training Institute, Saudi Arabia, 60 hours, 2018.

### CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

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### HONORS AND AWARDS

- Winning second place in the competition of "Be a Lamp" for the best voluntary work in the field of technology for community service, which was held in 2018 at King Saud University in Saudi Arabia. That is for teaching students university courses online.

### SERVICE ACTIVITIES

- Delivering an EndNote workshop in collaboration with Ms. Tamara Jabr, Amman Arab University, Jordan, for one hour, on 25/11/2024.
- Participation in organizing ICSIC 2024: The International Computer Sciences and Informatics Conference. That is along with evaluating a number of its research papers in terms of scientific content or formatting, Amman Arab University, Jordan, 2024.
- Supervising a Bachelor's graduation project for the academic year 2024-2025.
- Overseeing students and registering them for the 2025 JCPC competition.

### THE MOST IMPORTANT PUBLICATIONS IN LAST FIVE YEARS

1. Randa Ahmad Al-Wadi and Adi A. Maaita, "Authentication and Role-Based Authorization in Microservice Architecture: A Generic Performance-Centric Design," Journal of Advances in Information Technology, Vol. 14, No. 4, pp. 758-768, 2023.
2. Analyzing the Evolution of Microservice Architecture: Challenges, Solutions, and Proposed Design. (n.d.). In R. A. Al-Wadi & A. A. Maaita (Eds.), ICSIC 2024: The International Computer Sciences and Informatics Conference. AIP Publishing.
3. Hill Climbing Algorithm with Honey Badger Algorithm for Global Numerical Optimization. (n.d.). In M. Shehab, Y. Al-Ghzawi, M. Al Ghamri, M. Al-Husainy, & R. Al-Wadi (Eds.), ICSIC 2024: The International Computer Sciences and Informatics Conference. AIP Publishing.

### INSTITUTIONAL PROFESSIONAL DEVELOPMENT ACTIVITIES IN THE LAST FIVE YEARS

- Attending the academic development workshops held by Amman Arab University every semester, which are related to the quality of education and scientific research.
- Enrolling in external workshops and training courses:
  1. Leverage GenAI in your Research: Explore Scopus AI, Scopus, online, 2024.
  2. Use of Modern Teaching Methods and Educational Technology in Teaching and Learning, The University of Jordan, Jordan, 30 hours, 2022.
  3. Introduction to Cybersecurity, Cisco, online, 6 hours, 2022.
- Attending conferences:
  1. ICSIC 2024: The International Computer Sciences and Informatics Conference, Amman Arab University, Jordan, 2024.
  2. The Tenth Economic Conference entitled "Digital Economy and Digital Technology," Petra University, Jordan, 2024.
- Coordinating the courses: Computer Networks and Introduction to Programming, reviewing their plans and making necessary adjustments, and preparing their course files.
- Contributing to the Jordanian National Accreditation file for the "Software Engineering" department in the college of Information Technology, Amman Arab University, and collecting related Evidences.

### RESEARCH LINK (Scopus and Google Scholar)

- Scopus  
<https://www.scopus.com/authid/detail.uri?authorId=58525327600>
- Google Scholar  
<https://scholar.google.com/citations?user=9YJ6nQIAAAAJ&hl=ar>
- ResearchGate  
[https://www.researchgate.net/profile/Randa\\_Al-Wadi](https://www.researchgate.net/profile/Randa_Al-Wadi)
- ORCID  
<https://orcid.org/0000-0001-9146-414X>

### LANGUAGES

- Arabic (Mother tongue).
- English.