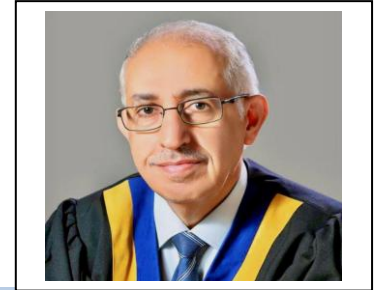Date:12/4/2025

CURRICULUM VITAE

Personal information

Faculty Member Name: Nameer Nadhem EL-Emam
Academic Rank: Full Professor
College: Information Technology
Department: Computer Science
Nationality: Iraqi
Address: Amman, Um Al Summaq
Phone No: +962777489308
E-mail: n.emam@aau.edu.jo

Academic Qualifications

Degrees with fields, institution, and date

- **B.S.** in Computer Science program, , Basrah University, 1985.
- **M.Sc**. in Computer Science program, Basrah University, 1989.
    Project/thesis title: Computer Simulation of Fluid Flow through a Channel
- **Ph.D.** in Computer Science program, Basrah University, 1997.
    Dissertation title: Computer Simulation of Viscous Flow in Double Step Channels Using FEM on Adaptive Mesh and Multiprocessors.

Academic Experience In Teaching and Supervision

Duration:2023-present
University: Amman Arab University
Academic Rank : Professor
The date the rank was granted: 26/7/2016
The body granting the rank: Deans' Council- Philadelphia University

College: Information Technology
Country: Jordan

Duration: 2016-2023
University: Philadelphia University
Academic Rank : Professor
The date the rank was granted: 26/7/2016
The body granting the rank: Deans' Council- Philadelphia University
College: Information Technology
Country: Jordan

Duration: 2010-2016
University: Philadelphia University
Academic Rank: Associated Professor
The date the rank was granted: 26/7/2016
The body granting the rank: Deans' Council- Philadelphia University
College: Information Technology
Country: Jordan

Duration: 1998-2010
University: Philadelphia University
Academic Rank: Assistant Professor
The date the rank was granted: 27/5/1998
The body granting the rank: Deans' Council- Philadelphia University
College: Information Technology
Country: Jordan

Duration: 1996-1998
University: Basrah University
Academic Rank: Assistant Professor
The date the rank was granted: 1/2/1996
The body granting the rank: Deans' Council- Basrah University
College: Science
Country: Iraq

Duration: 1989-1996
University: Basrah University
Academic Rank: Lecturer
The date the rank was granted: 1/2/1989
The body granting the rank: Deans' Council- Basrah University
College: Science
Country: Iraq

Duration: 1985-1989
University: Basrah University
Academic Rank: Researcher Assistant
The date the rank was granted: 1/9/1985
The body granting the rank: Deans' Council- Basrah University
College: Science
Country: Iraq

Non-Academic Experience

Duration: 2022-2023
Position: Director of Academic and Administrative   Development and Training Center
Institution: Philadelphia University
Department/Faculty/Center: Academic and Administrative   Development and Training Center
Country: Jordan

Duration: 1990-1998
Position: CEO
Institution: Computer World Foundation
Country: Iraq

Administrative Assignments

Duration: 2017-2022
Position: Head of Computer Science Department
Institution: Philadelphia University
Department/Faculty/Center: Computer Science Dept. / IT Faculty
Country: Jordan

Duration: 2020-2022
Position: Head of Cyber Security Department
Institution: Philadelphia University
Department/Faculty/Center: Computer Science Dept. / IT Faculty
Country: Jordan

Duration: 2019-2020
Position: Head of Web Engineering Department
Institution: Philadelphia University
Department/Faculty/Center: Computer Science Dept. / IT Faculty
Country: Jordan

Duration: 2008-2019
Position: Deputy Dean of IT Faculty
Institution: Philadelphia University
Department/Faculty/Center: IT Faculty
Country: Jordan

Duration: 2001-2003
Position: Deputy Dean of Science Faculty
Institution: Philadelphia University
Department/Faculty/Center: Science Faculty
Country: Jordan

Certifications or Professional Registrations

- Science Faculty Honor Award for Outstanding Performance Students, Department of Computer Science, Basra University, Iraq, 1981-1985.
- Teaching excellence award for the study years 1996-1997. Basra University.
- Teaching excellence award for the study year 2000-2001. Philadelphia University.
- Al-Hussein Fund for Excellence Award, associated with the UK Quality Assurance Agency for Higher Education.
- Certificate in "Resource Capacity Management in Contract R&D," Given by UNESCO, STEMARN, Arab Academy for Science (AAS).
- Certificate of recognition and appreciation of outstanding service in the Technical Committee of IAJIT.
- Journal is one of the most active reviewers
- Certificate of reviewing, in recognition of the outstanding reviewing made for many journals from the Elsevier publisher,
- Certificate of appreciation as a reviewer in the ACSAT2018, Malaysia, 2018.

- Links to selected certifications:
    - International Certificates.pdf

Current Membership in Professional Organizations

- Membership in external arbitration committees for academic programs at the College of Information Technology, Sohar University - Sultanate of Oman

- Member of the Queen Rania Center for Entrepreneurship (QRCE).

- Membership in the external arbitration committees of the Department of Computer Science, University of Applied Sciences - Bahrain

- Membership in the Computer Science Department review committees, University of Kufa, Iraq.

- Membership in the university QS ranking committees.

- Membership of the Editorial Board of Kufa Journal of Mathematics and Computers - University of Kufa.

- Membership of the editorial board of engineering, computing, science, and technology journals - Asia branch

- Membership in the Editorial Board of the International Journal of Network Security and its Applications (IJNSA).

- Membership of the Advisory Committee of the Basra Journal of Science - Iraq.

- Membership in the editorial board of SCIREA magazine, specializing in computer science.

- Membership of the Asian Council of Computational Science Editors

- Membership in the Editorial Board of the International Journal of Security and its Applications (IJSIA) (WoS).

- Editor-in-Chief of the International Applied Computing Publisher (ACAA).

- Member of the scientific committee at the 21st International Multi-Conference on Systems, Signals & Devices (SSD'2024).

- Membership in committees for reviewing and evaluating scientific research for the following journals:

  - IEEE Signal Processing Letters Journal, IEEE, (SCOPUS, ISI, SCI, JCR, ERA).

  - Neural Networks Elsevier (SCOPUS, ISI, SCI, JCR, ERA).

  - ASOC: Applied Soft Computing, Elsevier (SCOPUS, ISI, SCI, JCR, ERA).

  - JSS: The Journal of Systems and Software, Elsevier, (SCOPUS, ISI, SCI, JCR, ERA).

  - OPTICS: Optics Communications, Elsevier (SCOPUS, ISI, SCI, JCR, ERA).

  - DSP: Digital Signal Processing, Elsevier, (SCOPUS, ISI, SCI, JCR, ERA).

  - PR: Pattern Recognition, Elsevier (SCOPUS, ISI, SCI, JCR, ERA).

  - JVCI: Journal of Visual Communication and Image Representation, Elsevier, (SCOPUS, ISI, SCI, JCR, ERA).

  - Computational Intelligence journal, An International Journal - Blackwell Publisher, USA, (SCOPUS, ISI, SCI, JCR, ERA).

  - European Transactions on Telecommunication Journal, John Wiley Publisher, USA, (SCOPUS, ISI, SCI, JCR, ERA).

  - Computer Engineering & Information Technology Journal, SciTech Publisher, USA, (SCOPUS, ISI, SCI, JCR, ERA).

  - JKSU-CIS: Journal of King Saud University - Computer and Information Sciences, Elsevier, (SCOPUS, ISI, SCI, JCR, ERA).

  - Security and Communication Networks Journal, John Wiley Publisher, (SCOPUS, ISI, SCI, JCR, ERA).

  - IJLEO: Optik – International Journal for Light and Electron Optics, Elsevier, (SCOPUS, ISI, SCI, JCR, ERA).

  - JWS: Journal of Web Semantics, Elsevier, (SCOPUS, ISI, SCI, JCR, ERA).

  - Information Security Journal: A Global Perspective, Taylor & Francis Journals, (ACM, CSA, SCOPUS, ERA).

  - International Arab Journal of Information Technology (IAJIT), (SCOPUS, ISI, SCI, JCR, ERA).

  - International Journal of Computers and Applications-ACTA Press / Canada, (SCOPUS, ERA).

- International Journal of Emerging Technologies in Learning (iJET)/ Austria, (SCOPUS, ERA).

  - International Journal of Online Engineering (iJOE))/ Austria, (SCOPUS, ERA).

  - International Journal of Interactive Mobile Technologies (iJIM)/ Austria, (SCOPUS, ERA).

  - International Journal of Advanced Corporate Learning (iJAC))/ Austria, (SCOPUS, ERA).

  - Basra Journal of Science, Basra University / IRAQ., (SCOPUS).

- Membership in scientific Organizations:
  - ACM Computer Society Members.

  - IEEE Computer Society Members.

  - World Federation on Soft Computing (WFSC).

  - Iraqi Society for Computer Science (ISCS).

- Membership Links:
  - https://testojs.acaa-p.com/index.php/AIRDJ/about/editorialTeam
  - https://testojs.acaa-p.com/index.php/acj/about/editorialTeam
  - https://www.acaa-p.com/index.php/index/acaaeditorial
  - http://airccse.org/journal/editorial.html
  - https://nadiapub.com/journals/ijsia/ijsia-editorial-board/
  - https://mjs.uomustansiriyah.edu.iq/index.php/MJS/about/editorialTeam
  - https://www.computer.org/csdl/proceedings-article/aeeca/2024/552500z027/240kaprgpgl
  - https://conferences.tiu.edu.iq/ssd/csp-chairs/
  - https://erp.aau.edu.jo/ICSIC2024/committes.html

HONORS AND AWARDS

- Excellence in Teaching Award 1996-1997 from the University of Basra.

- Excellence in Teaching Award 2000-2001 from Philadelphia University.

- Al Hussein Award for Excellence by British Quality Standards 2003.

- Several certificates of excellence and distinguished performance were issued by the publisher Elsevier after completing a review of 150 papers for several of the publisher's scientific journals.
- Several certificates of excellence in participation within the program and on the Steering committees for many international conferences.

SERVICE ACTIVITIES

1. **Committee Participation**:
   - Quality Assurance Committee (Faculty/Department Levels).
   - Study Plan Committee (Faculty/Department Levels).
   - Establishing Academic Programs (Faculty Levels).

–   Graduate Studies Committee (Faculty/Department Levels).
–   Promotion Committee (Faculty Level).
–   Disciplinary Appeals Board) University Level)
–   Research Ethics Committee (University Level)
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2. **Mentorship Programs**: Participate in mentorship programs for students and junior faculty.
3. **Community Outreach**: As the director of the Academic and Administrative Development and Training Center, I organized workshops, seminars, and public lectures to engage with the local community.
4. **Student Organizations**: Serve as an advisor for the MSc theses.
5. **Professional Associations**: Contributing to conferences, journals, and collaborative projects.
6. **Peer Review and Editorial Work**: Contribute to academic journals as a reviewer or editor, ensuring the quality and integrity of published research.
7. **Interdisciplinary Projects**: Collaborate with colleagues from different departments and universities on interdisciplinary research or teaching initiatives.
8. **Alumni Relations**: Engage with alums to build a strong network supporting current students and university initiatives.

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THE MOST IMPORTANT PUBLICATIONS IN THE LAST FIVE YEARS

Journals

#	Author/s (In Order)	Title	Journal	Vol./No.	Publication Date
1.	Al-Laham, M, El-Emam, N, Qaddoum, K.,	Data Hiding and Extraction Using Pseudo-Random Generation and Cover Image Replication	International Journal of Data and Network Science	Accepted	2025
2.	Al-Bader, B., El-Emam, N., Al-Al-Sheik Salem, O	Improved Convolutional Neural Networks for Image Classification Using Adaptive Convolutional Layers,	International Journal of Data and Network Science,	Accepted	Expected 2025
3.	Jouda, D., El-Emam, N., Al-Qoran, L.	A Machine Learning Approach for Phenotype Prediction Using Preprocessing on Multi-Clinical Datasets	Journal of Medical Artificial Intelligence	Submitted	Expected 2025

4.	Kanbar, S., , Emam, N., Bani Younes, M.	NEW DATA HIDING ALGORITHM BASED ON GENERATIVE ADVERSARIAL NETWORKS TO ENHANCE SECURITY LEVEL	International Journal of Communication Networks and Information Security (IJCNIS),	Accepted	Expected 2025
5.	Hanan H., Ali A., Nameer N.	New Deep Data Hiding and Extraction Algorithm Using Multi-Channel with Multi-Level to Improve Data Security and Payload Capacity,	PeerJ Computer Science	8:e1115	2022
6.	Marwa A., Nameer N., Ali F.	Improved Deep Hiding / Extraction Algorithm to Enhance Payload Capacity and Security Level of Hidden Information,	International Journal of Communication Networks and Information Security (IJCNIS),	Vol. 13 No. 3	2021

Conferences

#	Author/s (In Order)	Title	Conference	Country	Date
1.	Subhi Kanbar, Nameer El-Emam and Maram Bani Younes	NEW DATA HIDING ALGORITHM BASED ON GENERATIVE ADVERSARIAL NETWORKS TO ENHANCE SECURITY LEVEL	Conference ICSIC2024 Scopus	Jordan	2024
2.	Rand Alamleh and Nameer N. El.Emam	A Survey of Fault Tolerance Techniques in Distributed Systems	Conference ICSIC2024 Scopus	Jordan	2024
3.	Ateka Alsheyab and Nameer N. El. Emam	The Significance of Load Balancing Algorithms in Cloud Computing Environments: A Comparative Analysis	Conference ICSIC2024 Scopus	Jordan	2024

| 4. | Rasha Foudeh and Nameer N. El.Emam | Improved Adaptive Pooling Techniques for Convolutional Neural Networks in Image Classification | Conference ICSIC2024 Scopus | Jordan | 2024 |

Books

#	Author/s (In Order)	Title	Publisher	Edition	Date
1	Kefaya Q., NameeR N.	Soft Computing Techniques: Design and Analysis	CRC Press "Taylor & Francis	first	2023
2	Kefaya Q., Nameer N.	Emerging Trends in the Applications of Soft Computing Techniques	CRC Press "Taylor & Francis	first	2023
3	Maram B. Y., Nameer N.	Cloud computing assisted real-time health monitoring and tracking,	CRC Press "Taylor & Francis	first	2023
4	Amro A, Nameer N..	Information Security and Data Management for IoT-Enabled Smart Healthcare,	CRC Press "Taylor & Francis	first	2023
5	Raneem Q., Nameer N.	Privacy Preservation Tools and Techniques in Artificial Intelligence	CRC Press "Taylor & Francis	first	2021
6	Maram B. Y., Nameer N	Digital Rights Management in Computing Environment,	CRC Press "Taylor & Francis	first	2021

INSTITUTIONAL PROFESSIONAL DEVELOPMENT ACTIVITIES IN THE LAST FIVE YEARS

1. **Workshops and Seminars**: Participate in or lead workshops and seminars on advanced teaching methods, research techniques, and technology integration.
2. **Mentorship Programs**: Engage in mentorship programs, either as a mentor, to support the professional growth of colleagues and students.
3. **Interdisciplinary Collaboration**: Collaborate with faculty from different departments on research projects or teaching initiatives to foster innovation and broaden the academic perspective

4. **Leadership Training**: Attend leadership training programs to develop skills in managing teams, conflict resolution, and strategic planning.
5. **Technology Integration**: Stay updated with the latest educational technologies and digital tools through specialized training sessions
6. **Community Engagement**: Organize or participate in community outreach programs to share our expertise and strengthen the university's ties with the local community
7. **Professional Conferences**: Attend local, national, or international conferences to network with peers, present your research, and stay informed about the latest developments.
8. **Sustainability Initiatives**: Lead or participate in projects promoting sustainability and environmental responsibility on campus through the supervision of master's theses.

RESEARCH LINK (Scopus and Google Scholar)

- Scopus

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LANGUAGES

- English
- Arabic