

Date: 2025/4/12



CURRICULUM VITAE

PERSONAL INFORMATION

Faculty Member Name: We'am Adel Mahmoud Talafha
Academic Rank: Lecturer
College: Information Technology
Department: Computer Science
Nationality: Jordanian
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ACADEMIC QUALIFICATIONS

- Degrees with fields, institution, and date
- B.Sc. in Computer Science, Yarmouk University, 2010.
- M.Sc. in Computer Science, Jordan University of Science and Technology, 2017.
- Thesis Title: A Resource-Efficient Encryption Algorithm for Multimedia Big Data.

ACADEMIC EXPERIENCE:

- Feb 2024 – Present: Full-time Lecturer at Amman Arab University – College of Computer Science and Informatics
 - Courses:
 - Object-Oriented Programming using Java (4 times)
 - Introduction to Programming Lab (C++) (4 times)
- Feb 2022 – 2024: lab supervisor at Amman Arab University – College of Computer Science and Informatics
 - Courses:
 - Object-Oriented Programming using Java (4 times)
 - Introduction to Programming Lab (C++) (4 times)
- 2019 – Jan 2022: Part-time Lecturer at Jordan University of Science and Technology
 - Courses:
 - C++ Programming Lab (CS102)
 - Selected Programming Languages for Non-CS students (CS116)
 - Programming for Engineers Lab (CS114 Lab) (5 times)

دائرة الموارد البشرية
Human Resources Department

- Sep 2014 – Dec 2016: Teaching Assistant at Jordan University of Science and Technology
- Courses:
 - Introduction to Programming (CS101)
 - C++ Programming Lab (CS102, CS115)
 - Programming for Engineers Lab (CS114 Lab)
 - Selected Programming Languages (CS116)

NON-ACADEMIC EXPERIENCE:

- Feb 2022 – Present: Full-time Lecturer at Amman Arab University – College of Computer Science and Informatics
- Courses:
 - Object-Oriented Programming using Java (4 times)
 - Introduction to Programming Lab (C++) (4 times)
- 2019 – Jan 2022: Part-time Lecturer at Jordan University of Science and Technology
- Courses:
 - C++ Programming Lab (CS102)
 - Selected Programming Languages for Non-CS students (CS116)
 - Programming for Engineers Lab (CS114 Lab) (5 times)
- Sep 2014 – Dec 2016: Teaching Assistant at Jordan University of Science and Technology
- Courses:
 - Introduction to Programming (CS101)
 - C++ Programming Lab (CS102, CS115)
 - Programming for Engineers Lab (CS114 Lab)
 - Selected Programming Languages (CS116)

CERTIFICATIONS OR PROFESSIONAL REGISTRATIONS

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CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

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HONORS AND AWARDS

- June 2022: Best Research Paper at the Fourth International Scientific Conference (ICSIC), Amman Arab University.

SERVICE ACTIVITIES:

- May 2023: Participated in EUR-ACE Accreditation File preparation for Software Engineering.
- Mar 2023: Organized a scientific visit to Umniah Cyber Security (SOC).
- Jan – Mar 2023: Member of the Committee for the Sixth Standard (Student Standard) – Quality Assurance Committee.
- Mar 2022: Helped organize the “Third Programming Competition” at AAU.
- 2014–2016: Lab assistant for C++ and OS programming labs; evaluator for VB programming assignments.
- Worked on encryption systems using Feistel, AES, and genetic algorithms; performance analysis using GPU and multithreaded algorithms on IMAN1 Supercomputer.

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THE MOST IMPORTANT PUBLICATIONS IN LAST FIVE YEARS

1. Aljawarneh, S., Bani Yassein, M., Talafha, W. “A Resource-Efficient Encryption Algorithm for Multimedia Big Data.” Multimedia Tools and Applications, Springer, 2017.
2. Aljawarneh, S., Bani Yassein, M., Talafha, W. “A Resource-Efficient Encryption Algorithm for Multimedia Big Data: Multithreaded Programming Approach.” Future Generation Computer Systems.

1.

INSTITUTIONAL PROFESSIONAL DEVELOPMENT ACTIVITIES IN THE LAST FIVE YEARS

- Participation in scientific conferences
- Contribution to curriculum development and accreditation
- Committee membership for student quality assurance

RESEARCH LINK (Scopus and Google Scholar)

- <https://www.scopus.com/results/authorNamesList.uri?name=name&st1=Talafha&st2=We%E2%80%99am&origin=searchauthorlookup>
- <https://scholar.google.com/citations?user=O4kal4kAAAAJ&hl=ar&oi=ao>

LANGUAGES:

- Arabic
- English

