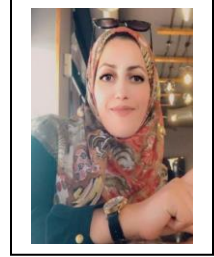


Date: 03/15/2024

We'am Adel Mahmoud Talafha



PERSONAL INFORMATION

Title: Faculty member / Cyber Security Dept.

Academic Rank: lecturer

Date & Place of Birth: 06/03/1988

Nationality: Jordanian

Address: Irbid, Jordan

Phone No.: 00962-791102450

e-mail: w.telfah@aau.edu.jo

ACADEMIC QUALIFICATIONS

Degree	Major	Duration (From-To)	University	Country
Master	Computer Science	2013-2016	Jordan University Of Science and Technology	Jordan
Bachelor	Computer Science	2006-2010	Yarmouk University	Jordan

دائرة الموارد البشرية
Human Resources Department

TEACHING EXPERIENCE

Duration	Rank	Institution	Department/Faculty	Country
2021-Now	Lecturer	<i>Amman Arab University</i>	Cyber Security	Jordan
2014-2020	Lecturer	<i>Jordan University Of Science and Technology (JUST)</i>	Computer Science	Jordan

OTHER EXPERIENCE

Duration	Rank	Institution	Department/Faculty	Country
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PUBLICATIONS

JOURNALS

Author/s (In Order)	Title	Journal	Vol./No.	Publication Date
• Aljawarneh, S. Bani Yassein, M. Talafha, W.,	" A RESOURCEEFFICIENT ENCRYPTION ALGORITHM FOR MULTIMEDIA BIG DATA".	Multimedia Tools and Applications, Springer, 2017, 75(x).		
• Aljawarneh, S. Bani Yassein, M. Talafha, W.,	" A RESOURCEEFFICIENT ENCRYPTION ALGORITHM FOR MULTIMEDIA BIG DATA: Multithreaded Programming Approach".	Future Generation Computer Systems.		

CONFERENCES

Author/s (In Order)	Title	Conference	Country	Date
------------------------	-------	------------	---------	------

BOOKS

Author/s (In Order)	Title	Publisher	Edition	Date
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MEMBERSHIPS OF SCIENTIFIC AND PROFESSIONAL SOCIETIES

UNIVERSITY COMMITTEES

WORKSHOPS ATTENDED

WORKSHOPS OFFERED

RESEARCH INTERESTS

My research interest lies in developing an efficient encryption system tailored for managing multimedia big data. Specifically, I focus on implementing advanced encryption algorithms such as Feistel Encryption Scheme, AES, and genetic algorithms to ensure robust security measures for multimedia data. Furthermore, I delve into the performance analysis of Graphical Processing Units (GPUs) by benchmarking encryption algorithms like MARS, RC6, 3-DES, DES, and Blowfish across various metrics. This research is conducted using high-performance computing resources, particularly leveraging Jordan's National Supercomputing facilities on the IMAN1 platform.

LANGUAGES

English: Fluent

Arabic: Native

OTHER COMMUNITY ACTIVITIES

AWARDS RECEIVED

GRADUATE STUDENTS SUPERVISION

Student Name

Thesis Title

REFERENCES

Prof. Dr. Ismail Hmeidi

Job title: Professor of Computer Science
Company: Jordan University Of Science and Technology (JUST)
Email: hmeidi@just.edu.jo
Relation: M.Sc. supervisor.

Dr. Wael Mardini

Job title: Professor of Computer Science
Company: Jordan University Of Science and Technology (JUST)
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Dr. Muneer Bani-Yassine Masaadeh

Job title: Professor of Computer Science
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Relation: M.Sc. supervisor.

