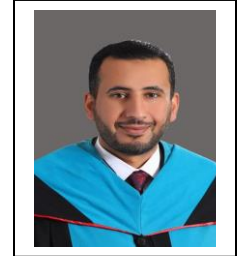


Date 1/10/2021

MOHAMMAD AHMAD
MOHAMMAD AL SHINWAN



PERSONAL INFORMATION

Title: Full-time lecturer

Academic Rank: Assistant Professor

Date & Place of Birth: 21/Feb/1987

Nationality: Jordan

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ACADEMIC QUALIFICATIONS

Degree	Major	Duration (From-To)	University	Country
Ph.D	Computer Engineering / Computer Networks	2014-2017	Inje University	South Korea
Master	Computer Science	2010-2013	Sindh University	Pakistan
Bachelor	Full-time lecturer	2004-2009	Al AlBayt University	Jordan

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TEACHING EXPERIENCE

Duration	Rank	Institution	Department/Faculty	Country
2018 – until now	Assistant Professor	Amman Arab University	Faculty Computer / Science-and- Informatics	Jordan

OTHER EXPERIENCE

Duration	Rank	Institution	Department/Faculty	Country
2014 - 2017	Research Assistant	Inje University	Computer Engineering	South Korea

PUBLICATIONS



JOURNALS

Author/s (In Order)	Title	Journal	Vol./No.	Publication Date
Alshinwan, Mohammad; Abualigah, Laith; Shehab, Mohammad; Abd Elaziz, Mohamed; Khasawneh, Ahmad M; Alabool, Hamzeh; Al Hamad, Husam;	Dragonfly algorithm: a comprehensive survey of its results, variants, and applications	Multimedia Tools and Applications	-	2021
Abualigah, Laith; Gandomi, Amir H; Elaziz, Mohamed Abd; Hamad, Husam Al; Omari, Mahmoud; Alshinwan, Mohammad; Khasawneh, Ahmad M;	Advances in meta- heuristic optimization algorithms in big data text clustering	Electronics	10	2021
Alshinwan, Mohammad; Abualigah, Laith; Kim, Chul-Soo; Alabool, Hamzeh;	Development of a Real- Time Dynamic Weighting Method in Routing for Congestion Control: Application and Analysis	Wireless Personal Communications	-	2021
Alshaer, Hadeel N; Otair, Mohammed A; Abualigah,	Feature selection method using improved CHI	Multimedia Tools and Applications	80	2021

دائرة الموارد البشرية
Human Resources Department

Laith; Alshinwan, Mohammad; Khasawneh, Ahmad M	Square on Arabic text classifiers: analysis and application			
Abualigah, Laith; Alsalibi, Bisan; Shehab, Mohammad; Alshinwan, Mohammad; Khasawneh, Ahmad M; Alabool, Hamzeh;	Advanced metaheuristic optimization techniques in applications of deep neural networks: a review	Neural Computing and Applications	-	2020
Ahmad Khasawneh Laith Abualigah Mohammad Al Shinwan	Void Aware Routing Protocols in Underwater Wireless Sensor Networks: Variants and challenges	Journal of Physics Conference Series	-	May/ 2020
Mohammad Al Shinwan Laith Abualigah Nguyen Dinh Le Chulsoo Kim Ahmad Khasawneh	An intelligent long-lived TCP based on real-time traffic regulation	Multimedia Tools and Applications	-	April/ 2020
Laith Abualigah Mohammad Shehab	Ant Lion Optimizer: A Comprehensive Survey of Its Variants	Archives of Computational Methods in Engineering	-	April/2020

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Mohammad Al Shinwan	and Applications			
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Abualigah, L., Shehab, M., Alshinwan, M., & Alabool	Swarm algorithm: a comprehensive survey. Neural Computing and Applications	Neural Computing and Applications	21-1	2019
Shehab, M., Abualigah, L., Al Hamad, H., Alabool, H., Alshinwan, M., & Khasawneh, A.	Moth-flame optimization algorithm: variants and applications. Neural Computing and Applications	Neural Computing and Applications	1-26.	2019
Mohammad Al Shinwan, Chul- Soo Kim	Enhanced Mobile Packet Core Network Scheme for Next- Generation Mobile Communication Systems	International Journal of Electronics Communication and Computer Engineering		2017
Mohammad Al Shinwan, Trong-Dinh	A Flat Mobile Core Network for Evolved Packet Core	Journal of Computer and Communications (JCC)		2017

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Kim
based SAE
Mobile
Networks

CONFERENCES

Laith
Abualigah,
Akram Jamal Ali
Aldulaimi,
Mohammad Al
Shinwan,
Ahmad
Khasawneh and
Hamzeh
Alabool
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on
Algorithms
to Solve
Feature
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Problem A
Review
3rd International
Computer
Sciences and
Informatics
Conference
Amman/
Jordan
2019

Ahmad
Khasawneh,
Omprakash
Kaiwartya,
Attaa Al-
Khaleel, Laith
Abualigah and
Mohammad Al
Shinwan
RE-PBR: A
Reliable
Energy-
Efficient
Pressure-
Based
Routing
Protocol
for UWSNs
3rd International
Computer
Sciences and
Informatics
Conference
Amman/
Jordan
2019

Akram Jamal
Ali Aldulaimi,
Laith Abualigah
and
Mohammad Al
Shinwan
A Propoed
Hybrid
Feature
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Method
For Data
3rd International
Computer
Sciences and
Informatics
Conference
Amman/
Jordan
2019

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Mining Tasks					
Laith Abualigah, Mohammad Al Shinwan, Esraa Nasser Ahmad, Oraib Deeb Alsalti, Tasneem Mohammad Eideh and Yasmin Abdullah Al Jawabreh	A review of genetic algorithms in wireless networking	3rd International Computer Sciences and Informatics Conference	Amman/ Jordan	2019	
Hamzeh Alabool, Deemah Alarabiat, Lait Abu Abualigah and Mohammad Alshinwan	An Infrastructure as a Service Accountability Requirements for Big data: An Interview Study	3rd International Computer Sciences and Informatics Conference	Amman/ Jordan	2019	
Mohammad Al Shinwan, Laith Abualigah, Ahmad Khasawneh, Hamzeh Alabool and Deemah Alarabiat	Enhanced Handover Management in 4G Mobile Network	3rd International Computer Sciences and Informatics Conference	Amman/ Jordan	2019	

BOOKS

Laith Abualigah Mofleh Al- diabat Mohammad Al Shinwan Khaldoon Dhou Bisan Alsalibi Essam Said Hanandeh Mohammad Shehab or/s (In Order)	Hybrid Harmony Search Algorithm to Solve the Feature Selection for Data Mining Applications	John Wiley & Sons Ltd	1st Edition	2 July 2020
Laith Abualigah, Mohammad Shehab, Mohammad Alshinwan, Hamzeh Alabool, Hayfa Y. Abuaddous, Ahmad M. Khasawneh, Mofleh Al Diabat	TS-GWO: IoT Tasks Scheduling in Cloud Computing Using Grey Wolf Optimizer	Taylor & Francis	1st Edition	19 July 2020

MEMBERSHIPS OF SCIENTIFIC AND PROFESSIONAL SOCIETIES

UNIVERSITY COMMITTEES

Quality Assurance committee in Amman Arab University

WORKSHOPS ATTENDED

WORKSHOPS OFFERED

RESEARCH INTERESTS

LANGUAGES

- Arabic.
- English.
- Urdu.
- Korean

OTHER COMMUNITY ACTIVITIES

AWARDS RECEIVED

GRADUATE STUDENTS SUPERVISION

Student Name

Thesis Title

REFERENCES
