

Date: 03/18/2024

BASHAR SUHIL JADALLA  
KHASSAWNEH



### PERSONAL INFORMATION

Title: Faculty member / Computer Science and Information Systems Department.

Academic Rank: Assistant Professor

Date & Place of Birth: 31/10/1987

Nationality: Jordanian

Address: Amman, Jordan

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### ACADEMIC QUALIFICATIONS

Degree	Major	Duration (From-To)	University	Country
Ph.D.	Applied Mathematics and Computer Science	2015-2020	Eastern Mediterranean University (EMU)	Cyprus
Master	Applied Mathematics and Computer Science	2012-2014	Eastern Mediterranean University (EMU)	Cyprus
Bachelor	Computer Science	2005-2009	Jordan University of Science & Technology (JUST)	Jordan

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**TEACHING EXPERIENCE**

Duration	Rank	Institution	Department/Faculty	Country
2024-Now	Assistant Professor	Amman Arab University	Computer Science	Jordan
2020-2024	Assistant Professor	Irbid National University	Computer Science	Jordan
First (Fall)-2020	Lecturer	Jadara University	Computer Science	Jordan
First (Fall)-2020	Lecturer	Irbid National University (INU)	Computer Science	Jordan
2015-2020	Teacher Assistant	Eastern Mediterranean University (EMU)	Computer Science	Cyprus

**OTHER EXPERIENCE**

Duration	Rank	Institution	Department/Faculty	Country
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## PUBLICATIONS

### JOURNALS

Author/s (In Order)	Title	Journal	Vol./No.	Publication Date

- **Bashar Khassawneh** " Enhancing IoT Security: Integrated DDoS Detection Using Combined Artificial Neural Networks and ML with Optimized Feature Selection and PCA" Under review
- **Bashar Khassawneh** " A Deep Transfer Learning based Intrusion Detection Model for V-Net Communication" Under review
- Falah YH Ahmed, Amal Abulgasim Masli, **Bashar Khassawneh**, Jabar H Yousif, Dilovan Asaad Zebari " Optimized Downlink Scheduling over LTE Network Based on Artificial Neural Network " DOI: 10.3390/computers12090179
- **B. Khassawneh**, B. Nagy " Polynomial and multinomial coefficients in terms of number of shortest paths" Proceedings of the Bulgarian Academy of Sciences 75 (4), 495-503 <https://doi.org/10.7546/CRABS.2022.04.03>
- B. Nagy, **B. Khassawneh**, On the Number of Shortest Weighted Paths in a Triangular Grid. Mathematics 2020, 8, 118. <https://doi.org/10.3390/math8010118>.
- L. Alzboon, **B. Khassawneh**, B. Nagy; "Counting the Number of Shortest Chamfer Paths in the Square Grid"; DOI: 10.12700/APH.17.4.2020.4.4

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### CONFERENCES

Author/s (In Order)	Title	Conference	Country	Date
		<ul style="list-style-type: none"><li>• <b>B. Khassawneh</b>, “On the Number of Weighted Shortest Paths in the Square Grid”, INES 2017-Intelligent Engineering Systems. 2017.</li><li>• <b>B. Khassawneh</b>, “Number of Shortest Paths and Nominal Coefficients”, CMES 2019-Computational Mathematics and Engineering Sciences – 2019</li></ul>		

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### BOOKS

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

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### UNIVERSITY COMMITTEES

### WORKSHOPS ATTENDED

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### WORKSHOPS OFFERED

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### RESEARCH INTERESTS

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My research interests are in the fields of applied mathematic and computer science. My research focuses on shortest path in grid, network.

### LANGUAGES

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English: Fluent

Arabic: Native

Turkish: Good

### OTHER COMMUNITY ACTIVITIES

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**AWARDS RECEIVED**

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**GRADUATE STUDENTS SUPERVISION**

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Student Name

Thesis Title

**REFERENCES**

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To be assigned when required