

Date 2022/9/24

ALA ALI ABUTHAWABEH



### PERSONAL INFORMATION

Title: Faculty member

Academic Rank: Assistant Professor

Date & Place of Birth: 5/28/1983 Amman

Nationality: Jordanian

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### ACADEMIC QUALIFICATIONS

Degree	Major	Duration (From-To)	University	Country
Ph.D.	Software Engineering	2016	Kaiserslautern University	Germany
MSc.	Computer Information Systems	2007	AABFS* University	Jordan
BSc.	Computer	2005	Al al-byte University	Jordan

دائرة الموارد البشرية  
**Human Resources Department**

Information  
on  
Systems

**TEACHING EXPERIENCE**

Duration	Rank	Institution	Department/Faculty	Country
September 2021 until September 2022	Assistant Professor	Al-Ahliyya Amman University	Faculty of Information Technology / Department of Software Engineering	Jordan

**OTHER EXPERIENCE**

Duration	Rank	Institution	Department/Faculty	Country
2018-2021	Postdoc researcher	Qatar Computing Research Institute	Social Computing group	Qatar
2018-2018	Support Engineer-Microsoft	Microsoft-Amman	Big Data	Jordan
2009-2009	Programmer	Al al-byte University	Computer Center	Jordan

**PUBLICATIONS**



### JOURNALS

Publication Date	Vol./No	Journal	Title	Author/s (In Order)
(2017)	21 (4)	Journal of Graph Algorithms and Applications	Topological Decomposition of Directed Graphs	Ala Abuthawabeh and Dirk Zeckzer
(2022)	Vol.100 . No 18	Journal of Theoretical and Applied Information Technology	DNA cryptographic approaches: state of art, opportunities, and cutting edge perspectives	Mwaffaq Abu alhija, Nidal Turab ,Ala Abuthawabeh, Hamza Abuowida, Jamal Al nabulsi

### CONFERENCES

Author/s (In Order)	Title	Conference	Country	Date
Ala Abuthawabeh, Abdelkader Baggag, and Michaël Aupetit	Augmented Intelligence with Interactive Voronoi Treemap for Scalable Grouping: a Usage Scenario with Wearable Data	Eurovis 2022	Rome, Italy	2022

Ala Abuthawabeh and Zeckzer	Dirk	SMNLV: A Small- Multiples Node-Link Visualization Supporting Software Comprehensi on by Displaying Multiple Relationships in Software Structure	VISSOFT 2015	Bremen, Germany	2015
Ala Abuthawabeh, Fabian Beck, Dirk Zeckzer, and Stephan Diehl		Finding Structures in Multi-Type Code Couplings with Node- Link and Matrix Visualizations	VISSOFT 2013	Eindhoven, Netherlands	2013
Ala Abuthawabeh		Interactive Multi-Matrix Visualization for Program	VISSOFT 2013	Eindhoven, Netherlands	2013

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and Dirk Comprehensi  
Zeckzer on

**PATENTS**

Inventors	Title	Patent number	Country	Date
Michaël Aupetit and Ala Abuthawabeh	Interactive visual data categorization systems and methods	US 11,222,453 B1	US	Jan. 11, 2022

**PHD THESIS**

Author/s (In Order)	Title	University	Country	Date
Ala Abuthawabeh	Multi-Edge Graph Visualizations for Fostering Software Comprehension	Kaiserslautern	Germany	Jan. 22, 2016



### MEMBERSHIPS OF SCIENTIFIC AND PROFESSIONAL SOCIETIES

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- Reviewed research papers for EuroVis 2021 (1 full paper), HCI-GAMES 2020 (2 short papers), and VisCHI 2019 (1 poster)
- Co-organized VisCHI 2019 conference in Qatar ( [www.hbku.edu.qa/en/vischi](http://www.hbku.edu.qa/en/vischi) )

### UNIVERSITY COMMITTEES

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### WORKSHOPS ATTENDED

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- Microsoft Machine Learning: QCRI
- New faculty member workshop: Amman Arab University
- New faculty member workshop: Al-Ahliyya Amman University
- Training of Trainers (TOT): Zarqa Knowledge Station
- Communication Skills workshop: University of Kaiserslautern
- PhD Coaching workshop: University of Kaiserslautern
- Scientific Writing workshop: University of Kaiserslautern
- Intercultural Communication workshop: University of Kaiserslautern
- Visual Design workshop: University of Kaiserslautern
- German language courses (A1-B1): University of Kaiserslautern

### WORKSHOPS OFFERED

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## RESEARCH INTERESTS

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Software Visualization

Information Visualization

## LANGUAGES

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- Arabic
- English
- Germany (intermediate)

## OTHER COMMUNITY ACTIVITIES

## WORK AND PROJECTS SAMPLES

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- Online puzzle game on the occasion of Qatar National Day (<https://qnd.qcri.org>)
  - Improved web tool for Demographic Distribution of cities (<http://fb-colombia.qcri.org>)
  - Visualization of Static Software Structure ( <https://www.informatik.uni-leipzig.de/bsv/homepage/de/content/visualization-static-software-structure> )
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### AWARDS RECEIVED

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- Full Doctorate Scholarship from University of Kaiserslautern, Germany: Prof.Hans Hagen (Computer Graphic & HCI group)
- Excellent Academic Performance :B.Sc. Ministry of Higher Education and Scientific Research-Jordan 2003

### GRADUATE STUDENTS SUPERVISION

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Student Name

Thesis Title

### REFERENCES

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