

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



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**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

### 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

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Ala Abuthawabeh and Dirk Zeckzer	SMNLV: A Small-Multiples Node-Link Visualization Supporting Software Comprehension 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 and Dirk Zeckzer	Interactive Multi-Matrix Visualization for Program Comprehension	VISSOFT 2013	Eindhoven, Netherlands	2013

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**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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