

Date: 10/11/2023

ALI FOUAD SALIH AL
AZZAWI

PERSONAL INFORMATION

Title: Faculty member / Software Engineering Dept.

Academic Rank: Assistant Professor

Date & Place of Birth: 22/10/1961

Nationality: IRAQI

Address: Amman, Jordan

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ACADEMIC QUALIFICATIONS

Degree	Major	Duration (From-To)	University	Country
Ph.D.	Computer Science	1997	Al Nahrain University(Saddam)	Iraq
Master	Computer Science	1989	University of Technology	Iraq
Bachelor	Mathematics(branch Computer Science)	1983	Basrah University	Iraq

TEACHING EXPERIENCE



دائرة الموارد البشرية
Human Resources Department

Duration	Rank	Institution	Department/Faculty	Country
2023-Now	Assistant Professor	<i>Amman Arab University</i>	Software Engineering	Jordan
2000-2019	Assistant Professor	Philadelphia University	Software Engineering	Jordan
1997-1999	Assistant Professor	Al Nahrain University(Saddam)	Computer Science	Iraq
1997-1999	Assistant Professor	Mustansiriya University	Computer Science	Iraq
1990-1997	Lecturer	Al Nahrain University	Computer Science	Iraq
1997-1999	Lecturer	Institute of Administration	Computer System Department	Iraq

PUBLICATIONS

JOURNALS

Author/s (In Order)	Title	Journal	Vol./No.	Publication Date
• Ali Fouad,	Integration of Database and Logic Programming,	Journal of Rafiden College research		(1996)
• Ali Fouad,	Morphological processor system for Arabic Language,	Journal of computer research, Al-Nahrain University		(1996).
• Ali Fouad,	Syntax Analyzer for Arabic Language,	Journal of Computer researches, United of Arab Universities		(1998).
• Moayad A. Fahdil, Ali Foud Al-Azawi, and Sammer Said,	Operations Algorithm son Quantum Computer, Operations Algorithms on Quantum Computer,	IJCSNS International Journal of Computer Science and Network Security,	VOL10 No.1,	November (2010)
• Ali Fouad Al Azawi and Moayad A. Fadhil,	Arabic Text Oceanography Using Kashida Extensions with Huffman code,	Journal of Applied Computer Science,		(2010)

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- A.F. Al Azawi, M.A. Fadhil, An Arabic Text steganography Technique Using ZWJ and ZWNJ Regular Expressions, International Journal of Academic Research, Vol. 3. No. 3. May, 2011.
- A.F. Al Azzawi, M. Bettaz and H. M. Al-Refai, GENERATING PYTHON CODE FROM OBJECT-Z SPECIFICATIONS, International Journal of Software Engineering & Applications (IJSEA), Vol.8, No.4, July 2017.
- Alaqtash, Mohammad, Moayad A. Fadhil, and Ali F. Al-Azzawi, A Modified Overlapping Partitioning Clustering Algorithm for Categorical Data Clustering., Bulletin of Electrical Engineering and Informatics 7.1 (2018): 55-62.
- A.F. Al Azzawi, PyFML- a Textual Language for Feature Modeling, International Journal of Software Engineering & Applications (IJSEA), Vol.9, No.1, January 2018.
- A.F. Al Azzawi, A Multi-Layer Hybrid Text Steganography for Secret Communication Using Word Tagging and RGB Color Coding, International Journal of Network Security & Its Applications (IJNSA) Vol. 10, No.6, November 2018.
- A.F. Al Azzawi, A multi-layer Arabic Text Steganographic Method based on Letter Shaping, International Journal of Network Security & Its Applications (IJNSA), Vol.11, No.1, January 2019.
- Marwa Ahmad, Nameer N. El-Emam and Ali F. AL-Azawi, Improved Deepiding /Extraction Algorithm to Enhance the Payload Capacity and Security Level of Hidden Information, International Journal of Communication Networks and Information Security (IJCNIS), Vol. 13, No. 3, December 2021.

UNIVERSITY COMMITTEES

- Chair of Department Study Plan Committee (2005-2010).
- Chair of Faculty Examination Committee (2003-2019).
- Chair of Department Study timetable Committee (2007-2019) .

RESEARCH INTERESTS

My research interests and activities over the past years have mainly focused on Expert systems, Natural language processing (NLP), Text stenography, and Formal methods. In addition to these research areas, I was actively involved in “an Institutional framework for a formal heterogeneous software development methodology based on UML/MARTE, CSP-OZ and PyCSP” project funded by Philadelphia University, and more ever, I have started on developing a new tool to

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generate Python code for CSP-OZ specification, this tool aims to easy validate CSP-OZ specification.

Much of my research focuses on Natural Language Processing for Arabic language (ANLP), including lexical, morphology, syntax, and semantics analysis based on knowledge-based processing and linguistic features.

LANGUAGES

1. English
2. Arabic: Native

3. AWARDS RECEIVED

Al-Hussein Fund for Excellence Award, associated with the Quality Assurance Agency for Higher Education (2003)

GRADUATE STUDENTS SUPERVISION

Student Name	Thesis Title
	Image Classification using KL Transform, Computer Science, Baghdad University (1998).
	Dos Commands Sound Recognition, Dept. of Computer Science, Al Nahrain University (1999).
	Dos Commands Sound Recognition, Dept. of Computer Science, Al Nahrain University (1999).
	Morphological Arabic Text Compression, Dept. of Computer Science, Al Nahrain University (1999).
	Marwa Ahmed, Improved Deep Hiding/Extraction Algorithm to Enhance Payload Capacity and Security Level of Hidden Information

REFERENCES

Prof. Dr. Mohamed Bettaz

Job title: Professor of software engineering
Company: University of Philadelphia, Jordan (former)
Email:
Relation: IT Faculty Dean

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Prof. Dr. Said Ghoul

Job title: Professor of software engineering
Company: University of Philadelphia, Jordan
Email:
Relation: Working in Same Department (former).

Prof. Dr. Nammer El-Emam

Job title: Professor of Computer Science
Company: University of Amman Arab
Email:
Relation: Working in Same Faculty (former).