

CV

Personal Information:

Dr. Natheer K. Gharaibeh
Associate Professor of Software Engineering
Religion: Muslim.
Nationality: Jordanian
Marital Status: Married
Jordan Address: Irbid – Jordan
Email : nkgharaibeh@gmail.com



Educational Qualifications:

- Ph.D. in **Computer Information Systems_ (Software Engineering)** from Arab Academy for Banking and Financial Sciences (Amman) 2009.
- M.Sc. in **information systems** from Arab Academy for Banking and Financial Sciences (Amman) 2002.
- B.Sc. degree in **Computer Science (minor Accounting)** from Yarmouk University (Irbid) 1999.
- General Secondary Certificate from Al_Hashimya Secondary school (scientific branch) 1995.

Skills & Certifications:

- **Technical & Programming Skills:** C#, C++, Java, ASP.NET, PHP, Python, VB.NET, SQL, MySQL, Access, SQL Server, HTML, CSS, JavaScript, JSON, XML, AJAX, Web Services.
- **Software Engineering & Data:** UML, Design Patterns, Requirements Engineering, BPM/BPMN, Data Warehousing, Power BI, Tableau, Hadoop Ecosystem (Sqoop, Hive, Impala), SPSS, Excel, Linked Data and Semantic Wikimedia.
- **Certifications:** Google Data Analytics (2022), IoT Fundamentals: Big Data & Analytics (2021) ,CCNA Instructor Certification (4 Semesters) (2017), Linux Essentials (LPI) (2016) , ICDL (2001) , MCSE – Windows 2000 (2002)
- **Other Professional Skills:** Project Management (PMP, Primavera), Web & Multimedia Development (Flash, Director, Authorware), GIS (ArcGIS).

Languages:

Arabic: Mother Tongue (reading, speaking, and writing).

English: Excellent (reading, speaking, and writing).

Work Experience:

- **Associate Professor of Software Engineering at Jadara University, College of Information Technology – Jordan**, starting Oct 2025 till now.
- **Associate Professor of Software Engineering at Philadelphia University, College of Information Technology – Jordan** (Oct 2023 – Sep 2025)
- **Associate Professor / Assistant Professor of Software Engineering Taibah University, College of Computer Science & Engineering – Yanbu, KSA** (Aug 2013 – Aug 2024).
- **Assistant Professor at Al-Balqa Applied University - Ajloun College** from Sep 2009 till Sep 2013.
- Part-time Lecturer at **Jordan University of Science and Technology** from 1/10/2009 till 15/2/2013.
- Associate Trainer & Consultant at **NobleProg** since 2016 till Now
- Instructor at **Cisco Networking Academy- Taibah University** from 15th Jan. 2014 till 6/1/2024 .
- Researcher at **Rostock Technical University** - Germany 2011.
- Lecturer at the Master course organized between the **Al-Balqa Applied University**, Jordan University and Ohayo University in USA called master in information technology and Communication in Education (M-ITCE).
- Lecturer at Al-Balqa Applied University in Ajloun College from 6/9/2006 till 11/9/2011 , before that at the same university in Aqaba University College from 6/9/2001 till 6/9/2006
- Giving different courses in IT field in the **Institute of Banking Studies-Aqaba-Jordan**.
- Teaching at **Arab Academy for Banking and Financial Science**.
- Teaching at **Jerash Private University** and **Ajloun National University**.
- Teaching ICDL courses (7 modules) in ministry of education (Jordan) 2003 and Rosary Sisters Schools 2003.
- Working in the ministry of education (Jordan) as a computer science teacher from first semester 2000 till 2001(one year).

Academic experience in these courses:

Web Engineering and Web development: (HTML, JavaScript, CSS, Json, XML AJAX, Web Services, Databases PHP , ASP.net , MVC , Entity Framework)	Different Programming languages: C# , Visual basic 6,VB.net , Python , Object Oriented using C++, Java ,
Artificial Intelligence and Expert Systems	Mobile Computing
Project Management and System Analysis.	Data Structure and algorithms.
Software Engineering, UML, and Design Patterns	Multimedia programs and Computer Skills (concepts, Windows, MS Office, Internet).
Logic and Digital design	MIS (Management Information Systems)
Information Retrieval and Natural language processing (NLP)	Decision support systems, Data warehouse, Business Intelligence and Data Science.
Database (concepts, Modeling, Normalization, SQL, Design....).	E-commerce , E-Business and Logistics.
Business Data Networks and Security.	Theory of Computation (Automata) and Compilers construction .

Publications:

1- Journals:

Gharaibeh, M. K., & Gharaibeh, N. K. (2024). **Why People Benefit from Online Learning: Empirical Assessment from Jordan**. *JOIV: International Journal on Informatics Visualization*, 8(4), 2280-2286./ ([Scopus - Q3](#)) DOI: <http://dx.doi.org/10.62527/joiv.8.4.2613>

Gharaibeh, M. K Gharaibeh, N (2022). **A Conceptual Framework for Intention to Use Travel Apps A Study from Emerging Market** , *International Journal of Service Science, Management, Engineering, and Technology (IJSSMET)*: Volume 13, Issue 1, Article 6., 2022 / ([Scopus - Q2](#)) DOI: 10.4018/IJSSMET.290333

Malik Gharaibeh, Natheer K. Gharaibeh, **An Empirical Analysis of User's Continuance Intention (UCI) towards Careem Mobile Application**, in *International Journal Interactive Mobile Technologies*, Vol. 16, No. 7, 2022 / ([Scopus - Q3](#)) DOI: <https://doi.org/10.3991/ijim.v16i07.27055>

Natheer K. Gharaibeh, **Towards becoming Learning Organization: A Case Study of Best Practices and lessons Learned in the age of Knowledge Society**, 2022, The Seybold report, 17(11), 1553- 1565 , DOI: [10.5281/zenodo.7374970](#)

M. K. Gharaibeh, N. K. Gharaibeh, M. A. Khan, W. Abdel and M. K. Alqudah, (2021) **Intention to use mobile augmented reality in the tourism sector**, *Computer Systems Science and Engineering*, vol. 37, no.2, pp. 187–202. / ([SCIE](#)) DOI:10.32604/csse.2021.014902

Gharaibeh, M. K., & Gharaibeh, N. K. (2021). **Understanding Adoption Intention of Mobile Shopping Applications: Empirical Assessment From IDT – Perceived Risk and Enjoyment**. *International Journal of Sociotechnology and Knowledge Development (IJSKD)*, 13(2), 31-47. doi:10.4018/IJSKD.2021040103 / ([Scopus - Q3](#)) DOI: 10.4018/IJSKD.2021040103

M.K. Gharaibeh, N.K. Gharaibeh "An Empirical Study on Factors Influencing the Intention to use Mobile Learning", *Advances in Science, Technology and Engineering Systems Journal*, vol. 5, no. 5, pp. 1261-1265 (2020). ([Scopus - Q3](#))

Gharaibeh, M. K Gharaibeh, N and De Villiers, M, V (2020). **A Qualitative Method to Explain Acceptance of Mobile Health Application: Using Innovation Diffusion Theory**. *International Journal of Advanced Science and Technology*, 29(04), 3426 / ([Scopus - Q4](#))

Gharaibeh, N. K., & Gharaibeh, Malik. Khlaif, and Gharaibeh, Omar. K, and Wafa Bdour (2020). **Exploring Intention to use Mobile Commerce: Integrating UTAUT2 with Social Media**. *International Journal of Scientific and Technology Research*. / ([Scopus - Q4](#))

Malik Gharaibeh, Muhammad Arshad, Natheer K. Gharaibeh, **Using the UTAUT2 Model to Determine Factors Affecting Adoption of Mobile Banking Services: A Qualitative Approach**, in *International Journal Interactive Mobile Technologies*, Vol. 12, No. 4, 2018 / ([Scopus - Q3](#))

Islah Gharaibeh, Natheer Gharaibeh, **Development of Arabic Noun Phrase Extractor (ANPE)**, in *International Journal on Natural Language Computing (IJNLC)* Vol. 6, No.1, February 2017

Natheer Gharaibeh, **Enhancing CRM Business Intelligence applications by Web User Experience Model** , *Journal of Advanced Computer Science and Applications (IJACSA)* Volume 6 Issue 6 June 2015. / ([ESCI](#))

(Scopus – Q3)

Natheer Gharaibeh, Mohammad M Bashayreh, Isa A Rawashdeh , **Constraints of the development of Accounting Information Systems in Industrial Companies listed on the Amman Stock Exchange** , Research Journal of Science & IT Management (RJSITM) , Vol 3, No 8 (2014)

Nabeel Zanoon, Natheer Gharaibeh , **The Impact of Customer Knowledge on the Security of E-Banking** , International Journal of Computer Science and Security (IJCSS), 06/2013; 7(3):81 - 92. (2013)

Wafa Bdour, Natheer Gharaibeh, **Development of Yes/No Arabic Question Answering system** , *International Journal of Artificial Intelligence & Applications (IJAlA)* , Vol.4, No.1, January 2013 , pp 51-63.

Natheer K Gharaibeh, Mohareb A Alsmadi ,**The impact of teaching two courses (electronic curriculum design, multimedia) on the acquisition of electronic content design skills** , The International Journal of Multimedia & Its Applications (IJMA) , Vol.4, No.6, December 2012, pp45-52

Natheer K. Garaibeh, "DSS Development and Agile Methods: Towards a new Framework for Software Development Methodology," International Journal of Machine Learning and Computing (IJMLC) vol. 2, no. 4, pp. 438-442, 2012.

Islah Gharaibeh , Natheer Gharaibeh , **Towards Arabic Noun Phrase Extractor (ANPE) Using Information Retrieval Techniques** ,in Journal of Software Engineering, 2012 Scientific & Academic Publishing , Volume 2, Number 2 , pp 36-42 ,2012.

Morad Okla , Natheer K. Gharaibeh , **Some Properties on Fuzzy Graphs** pp. 245-252 , Advances in Fuzzy Mathematics (AFM) , Volume 6 Number 2 (2011)

2-Book Chapters:

Abou Hseene, F. M., Gharaibeh, N. K., & Bdour, W. N. (2025). **A Review of Goal-Oriented and Business Process Modeling in Dental Clinic Software Management Systems**. In D. Martínez Asanza (Ed.), *Transforming Dental Health in Rural Communities: Digital Dentistry* (pp. 81-110). IGI Global Scientific Publishing. <https://doi.org/10.4018/979-8-3693-7165-7.ch004>

Gharaibeh, Natheer K. (2022), **From DSS to Data Science: the effect of Industry 4.0**, Encyclopedia of Data Science and Machine Learning. IGI Global, 30/10/2022

Alam T., Khan M.A., Gharaibeh N.K., Gharaibeh M.K. (2021) **Big Data for Smart Cities: A Case Study of NEOM City, Saudi Arabia**. In: Khan M.A., Algarni F., Quasim M.T. (eds) *Smart Cities: A Data Analytics Perspective. Lecture Notes in Intelligent Transportation and Infrastructure*. Springer, Cham. https://doi.org/10.1007/978-3-030-60922-1_11

Gharaibeh, Natheer K. and Abdulaziz Al-Raddadi. (2014). "Survey of DSS Development Methodologies." Encyclopedia of Business Analytics and Optimization. IGI Global, 2410-2425. Web. 22 May. 2014. doi:10.4018/978-1-4666-5202-6.ch216

3-Conference Papers:

Mostafa Elhosseini, Natheer Gharaibeh and Waleed Abu-Ain ,**Trends in Smart Healthcare Systems for Smart Cities Applications** , IEEE 1st International Conference on Advanced Innovations in Smart Cities (ICAISC2023), Jeddah, Saudi Arabia, January 23-25, 2023

Natheer K. Gharaibeh, **Improving Web Application Development Course**. IEEE 5th National Conference Colleges of Computing (NCCC2022), December 2022– Makkah, KSA

Zuhair Malki, Natheer K. Gharaibeh, **Learning Organization at the Age of Knowledge Society**. National Conference Colleges of Computing (NCCC2016), February 2016– Jeddah, KSA

Natheer K. Gharaibeh, **Development of Academic Advisory System**. Gulf Academic Advising in higher education conference (GAAC2015), November 2015– Jeddah, KSA

Natheer K. Gharaibeh , Peter Forbrig , **A new framework for the Development of CRM Business Intelligence applications**. International Conference on Control, Engineering and Information Technology (CEIT'13), June 04 – 07, 2013 – Sousse, Tunisia

Natheer Gharaibeh, **Challenges In Building Data Warehouse Regarding to End User And DSS** , 2012 5th International Conference on Advanced Computer Theory and Engineering , (**ICACTE2012**), August 18-19, 2012, Cape Town, South Africa

Natheer Gharaibeh, **DSS development and Agile methods: Towards a new framework for software development methodology**, 3rd International Conference on Machine Learning and Computing(**ICMLC 2011**) , February 26-28, 2011, Singapore

Natheer Gharaibeh ,Saleh Abu soud , Wafa Bdour , Islah Gharaibeh, **Agile Development Methodologies: Are they suitable for developing Decision Support Systems** , Second International Conference on the Applications of Digital Information and Web Technologies (**ICADIWT 2009**) 84 - 89 ,London, United Kingdom, August, 2009

Natheer Gharaibeh ,Saleh Abu soud , **Software Development Methodology for building Intelligent Decision Support Systems** , 3rd International Conference on Software and Data Technologies (**ICSFT2008**), Porto – Portugal, 5-8 July, 2008.

Natheer Gharaibeh, **Legal Web Accessibility**, 1st International Conference on Digital Communications and Computer Applications (**DCCA2007**), Irbid- Jordan 19-22 March 2007.

Research Grants and Achievements:

- **Research Grant** for joint project from the DFG with **Rostock Technical University** - Germany 2011.
- Invited **keynote speaker** for the International Conference on Advanced Computer Theory and Engineering, August 18-19, 2012, Cape Town, South Africa, **ICACTE 2012**.
- **Honorary shield** from King Abdulaziz University (KAU) in 2015 due to the effective participation in

Gulf Academic Advising Conference (GAAC2015).

- **Honorary shield** from Taibah University in 2016 due to the managerial and technical efforts in **College of Computer Science & Engineering at Yanbu (CCSEY)** .
- **Honorary shield** from College of Computer Science & Engineering at Yanbu (CCSEY) in 2016 for being hired to **Associate Professor in Computer Information Systems**.

PROFESSIONAL ACTIVITIES (Chairing, organizing, editorial board and reviewing)

- **Web Site Manager**
- **Supervisor** of the **Academic Advisory Unit** at College of Computer Science & Engineering – Taibah University from 1/6/2014 till 1/6/2018.
- **Supervisor** of the **Student Affairs** at College of Computer Science & Engineering – Taibah University from 1/6/2014 till 2020.
- **Editorial Review Board** at **IGI Global** for these Journals:
 1. International Journal of Sociotechnology and Knowledge Development (**IJSKD**), Available at <https://www.igi-global.com/journal/international-journal-sociotechnology-knowledge-development/1108>
 2. International Journal of Technological Innovation and Social Dynamics (**IJTISD**), Available at <https://www.igi-global.com/journal/international-journal-technological-innovation-social/220084>
 3. International Journal of Information Technology Project Management (**IJITPM**).
- Member of the editorial board of Journal of Software Engineering -Scientific & Academic Publishing (**SAP**) – United States Available at www.sapub.org/journal/editorialdetails.aspx?JournalID=1033&PersonID=16230
- **Reviewer** at Journal of Advanced Computer Science and Applications (**IJACSA**) Available at <https://thesai.org/Reviewers/Details/b8606e86-0405-4c5c-b7a1-c87c0ac50cc1>
- **Member of editorial board and reviewers Committee** in these conferences:
 - *International Conference on Control, Automation and Diagnosis (ICCAD'19).*
 - *6th International Conference on Control & Signal Processing (CSP-2019)*
 - *International Conference on Control, Engineering & Information Technology (CEIT'2014, CEIT'2015, CEIT'2016, CEIT'2017 and CEIT'2018)*
 - *Taibah University International Conference on Advances in Information Technology for the Holy Quran and Its Sciences (NOORIC 2013)*
 - *The 2013 World Conference on Information Systems and Technologies (WorldCIST'13)* .
 - *The Third International Conference on Digital Information Processing and Communications (ICDIPC2013).*
 - *The International Conference on E-Learning and E-Technologies in Education (ICCEEE2012) .*
 - *The International Conference on Informatics & Applications (ICIA2012).*
 - *The Second International Conference on the Applications of Digital Information and Web Technologies (ICADIWT2009)*
 - *International Conference on Digital Communications and Computer Applications (DCCA2007)*
- **Member of Internet Society.**

Research interests:

- Decision Support Systems, Business Intelligence and Data Warehouses.
- Software Engineering, Agile Software Development and Project Management.
- Web Engineering, Semantic Web, Ontology, Natural Language Processing (NLP), Information Retrieval (IR).
- Mobile Computing, Technology adoption , Knowledge Societies, Knowledge Management, E-learning and Social aspects and history of computer

- Interested in Systems Complexity , Philosophy of science, Epistemology, Research Methods and Logic

Supervision of master's Theses

- **Raneem Atef Abooun** – *Goal-Driven and Business Process Modelling-Based Decision Support System for Emergency Department*
- **Fedaa Mahmoud Abo Huseni** – *Goal-Driven and Business Processes Model-Based Test Cases for Dental Clinic Software Management Systems*

Participated in the examination and defense of multiple master's theses .