

Kholoud Nairoukh

Computer Science Instructor



Contact

Amman, Jordan
+962 798930622
Kholoud.Nairoukh@gju.edu.jo

Biography

I am an instructor in the Computer Science Department at the German Jordanian University. She holds a master's degree in computer science from Jordan University and a bachelor's degree in the same field from the same University. My academic and professional interests include programming and software development. I have contributed to teaching and course coordination in several areas of Computer Science, including programming, data structures, and web technologies. She has also been involved in academic committees, curriculum development, student activities, and research-related activities.

Education

Jordan University
Amman, Jordan
MSc. Computer Science
Graduated in 1997
GPA 3.78/4

Jordan University
Amman, Jordan
BSc. Computer Science
Graduated in 1993
GPA 82.1/100

Sukayna Secondary School
Science Major
Graduated in 1989
GPA 91.1/100

General Information

Date of Birth : Oct,17th 1972
Nationality: Jordanian
Marital Status: Married

Teaching Experience

2023 - Now

Lecturer at the Department of Computer Science. German Jordanian University - GJU
Madaba-Jordan

1999-2021

Lecturer at the Department of Computer Science. -Amman University - AAU
Amman-Jordan

1997-1998

Lecturer at the Department of Computer Science. Applied Science University – ASU
Amman-Jordan

Responsibilities:

- Develop and deliver computer science curriculum for undergraduate students.
 - Plan and implement engaging lessons, labs, and projects to enhance students' understanding of core concepts.
 - Provide guidance and support to students through one-on-one mentoring and tutoring sessions.
 - Evaluate and assess students' performance, provide feedback, and grade assignments and exams.
 - Conduct research in computer science and integrate new developments and technologies into the curriculum.
 - Collaborate with colleagues on curriculum development, instructional strategies, and assessment methods.
 - Assisted professors in conducting computer science courses for undergraduate students.
 - Led lab sessions and facilitated discussions to reinforce students' understanding of course materials
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- Provided guidance to students on programming assignments and projects.
 - Graded assignments, exams, and provided feedback to students.
 - Conducted office hours to assist students with questions and concerns.

Key Skills

- Strong knowledge of computer science principles, programming languages, and algorithms.
- Proficient in languages such as Java, C, C++, SQL and web development through Html, CSS JavaScript, PHP, JSP and Servlets.
- Experience with software development and project management.
- Excellent communication and interpersonal skills.
- Ability to explain complex concepts in a clear and understandable manner.
- Strong problem-solving and critical thinking abilities.
- Dedication to staying updated with the latest developments in computer science.
- Experience with teaching tools and technologies, including Learning Management Systems (LMS) and coding platforms.

Publications

1. Online Learning Acceptance Model during Covid-19: An Integrated Conceptual Model.
Q Kharma, K Nairoukh, A Hussein, M Abualhaj, Q Shambour
International Journal of Advanced Computer Science and Applications, 499-505
2021.
2. Enhancing VoIP BW Utilization over ITTP Protocol
SNAK AbdelRahman H. Hussein, Mahran Al-Zyoud, Kholoud Nairoukh
THE SCIENCE AND INFORMATION ORGANIZATION 11 (10), 6
2020.
3. Unified M-Government Application Based on Cloud-Mediator Architecture
NTKN Qasem Kharma, Mohammad Hassan, Qusai Shambour
ICIC Express Letters 11 (2), 8
2020.
4. New RTP Packet Payload Shrinking Method to Enhance Bandwidth Exploitation Over RTP Protocol
KN AbdelRahman H. Hussein, Mwaffaq Abu-Alhaija
THE SCIENCE AND INFORMATION ORGANIZATION 11 (8), 5
2020.
5. Allocating constraint tasks schedules to promote on-demand cloud services by utilizing the Hungarian Algorithm
Deefallah Alshorman Nesreen Alsharman, Ismail Hababeh, Mohammad Alqudah, Kholoud Nairokh
2025/12/16 Journal PeerJ Computer Science

Languages

Fluent in English (Bilingual Proficiency)
Native in Arabic.

Committees

Committees at German Jordanian University:

1. Student's Discipline Committee
2. Student's Fund Committee
3. Taskeen Committee

Committees at Amman University:

1. ABET Committee.
2. Student's Discipline Committee.
3. E-Learning Committee.
4. Library Committee.
5. Programming Streams Committee.
6. Quality Assurance Committee.
7. Computer Labs' Committee
8. Social and Cultural Activities Committee.
9. Quality and Quality Assurance Committee.
10. Community Service Supervision Committee
11. Accreditation and Quality Management Committee.
12. Faculty of Information Technology.
13. Jordanian Quality Assurance Certification Committee.
14. The Supreme Committee for Community Service and Extracurricular Activities.
15. Social and extracurricular activities committee.

Practical Training

- 1 Blended Learning.
- 2 E-Learning.
- 3 ABET-CAP.
- 4 Scopus.
- 5 Cyber Security, Internet of Things, Network Programmability.
- 6- Teaching and Learning.
- 7- Designing Courses and Assessing Learning for Critical Thinking.
- 8- ICT Networking

Community Service

A member in the Supreme Committee for Community Service and Extracurricular Activities at Amman University. 4

Online Course Development

Develop an online course in MS-Office 2016 at AAU.

Develop an online course in C programming at GJU.

References

Prof. Ahmad Barghash / GJU

Prof. Feras AlHawari / GJU

Prof. Qasem Kharma/Amman University.

Prof. AbdelRahman Hamzeh/Amman University.