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📍 **Work:** Viale Timavo 93 Università degli Studi di Modena e Reggio Emilia, EDUNEXT, Reggio Emilia (Italy)

WORK EXPERIENCE

🏢 **UNIMORE** – Italy

PhD Researcher

[01/2026 – Current]

🏢 **Freelancer**

Educational Technology Consultant

[09/2024 – Current]

🏢 **Kashan University of Medical Sciences** – Kashan, Iran

Assistant professor and faculty member

[2020 – 2024]

🏢 – Iran

Hemodialysis Nurse

[2012 – 2014]

🏢 **School of Nursing and Midwifery, Shiraz University of Medical Sciences** – Shiraz

Clinical Instructor

[10/2012 – 01/2013]

🏢 – Iran

General ICU Head Nurse

[2011 – 2012]

🏢 – Iran

Nurse staff in Post Anesthesia Care unit

[2006 – 2008]

EDUCATION AND TRAINING

PhD Researcher in LESDIT

University of Modena and Reggio Emilia, CHIMOMO, EDUNEXT [31/01/2026 – Current]

Address: EDUNEXT, Reggio Emilia (Italy) | **Field(s) of study:** Learning Sciences and Digital Technology



Ph.D. program in Medical Informatics

Tehran University of Medical Sciences [02/2015 – 2019]

City: Tehran | Country: Iran | Final grade: 19.52 from 20 | Thesis: Design, implementation, and evaluation of an intelligent tutoring system for the nursing process in cardiac care units

Master of Sciences degree in Nursing

Shiraz University of Medical Sciences [2009 – 2012]

City: Shiraz | Country: Iran | Field(s) of study: education of Med-Surgical Nursing | Final grade: 18.73 from 20 | Thesis: Designing a web-based educational program on diabetes and evaluating its implementation on selected nurses from Shiraz University of Medical Sciences hospitals

Bachelor degree in Nursing

Shiraz University of Medical Sciences [2002 – 2006]

City: shiraz | Country: Iran | Final grade: 17.19 from 20

PUBLICATIONS

[2018]

Intelligent tutoring systems: a systematic review of characteristics, applications, and evaluation methods. Quartile: Q1

Authors: Mousavinasab E, et al | Journal Name: Interactive Learning Environment | Publisher: Taylor & Francis

[2024]

A novel smartphone application for bladder cancer management (BCM App): design, development, and usability evaluation Quartile: Q1

Authors: Khosrobeighi A, Mohammadi M, Jeddi F, Mousavinasab E, et al | Journal Name: Journal of Education and Health Promotion | Volume, Issue and Pages: Oct 28:13:375. | Publisher: Wolters Kluwer Medknow Publications

[2014]

Validating a web-based diabetes education program in continuing nursing education: knowledge and competency change and user perceptions on usability and quality Quartile: Q3

Authors: Moattari M, Moosavinasab E, Dabbaghmanesh MH, ZarifSanaiey N | Journal Name: Journal of Diabetes and Metabolic Disorders | Volume, Issue and Pages: 13(1) | Publisher: Springer Nature (BioMed Central Ltd.)

[2020]

Nursing process education: a review of methods and characteristics Quartile: Q1

Authors: Mousavinasab E, Kalhori SRN, Sanaee NZ, Rakhshan M, Saeedi MG | Journal Name: Nurse Education Practice | Volume, Issue and Pages: 202;102886. | Publisher: Elsevier Ltd.

[2020]

A unique framework for the Persian clinical guidelines: addressing an evidence-based CDSS development need Quartile: Q1

Authors: Karim H, Ravandi MH, Zandesh Z, Naserpoor A, Yasini M, Niakan Kalhori SR, Mousavinasab E | Journal Name: BMJ Evidence Based Medicine | Volume, Issue and Pages: 25:22-6. | Publisher: BMJ Publishing Group

[2024]

Identification of the essential and critical factors for COVID-19 patients' management decision-making: a mixed method study

Authors: Gholamzadeh M, Abtahi H, Niakan Kalhori R, Mousavinasab E, et al. | Journal Name: Journal of Clinical and Translational Research | Volume, Issue and Pages: 10(2) | Publisher: AccScience Publishing

[2025]

The effect of aversive therapy using virtual reality on craving, depression and self-efficacy: A pilot study in patients under methadone maintenance treatment Quartile: Q2

Authors: Nasim Sadeghi, Elhamsadat Mousavinasab, Ehsan Sharifi, Fatemeh Sadat Ghoreishi, Amir Ghaderi, Abdollah Omid | Journal Name: Brain and Behavior | Volume, Issue and Pages: 15 (10) | Publisher: Wiley

[2026]



Development and evaluation of an adaptive web-based learning system: an application in nursing professional training Palma, Spain, July 2026

Authors: E. Mousavinasab, T. Minerva, S. R. Niakan Kalhori, N. Zarifsanaiey, M. Rakhshan, M. Ghazisaeedi | **Journal Name:** 18th annual International Conference on Education and New Learning Technologies | **Publisher:** EDULEARN Proceeding

[2026]

Enhancing students' online learning self-efficacy: a randomized trial comparing synchronous and asynchronous online learning methods Palma, Spain, July 2026

Authors: E. Mousavinasab, C. Bellini, F. Ghaffari | **Journal Name:** 18th annual International Conference on Education and New Learning Technologies | **Publisher:** EDULEARN Proceeding

CONFERENCES AND SEMINARS

[01/07/2026] Palma, Spain

18th Annual International Conference on Education and New Learning Technologies Oral Presentation of a paper titled "Enhancing students' online learning self-efficacy: a randomized trial comparing synchronous and asynchronous online learning methods"

[01/07/2026] Palma, Spain

18th Annual International Conference on Education and New Learning Technologies Oral Presentation on Development and evaluation of an adaptive web-based learning system: an application in nursing professional training

[17/06/2026] Palermo, Italy

EDUNEXT International Conference Oral presentation on Conceptualizing AI-Generated Personality Avatars in Educational Literature

[2023] Tehran, Iran

24th Iranian Conference on Health Professions Education The Panel Member.

[2024] Kashan University of Medical Sciences, Kashan, Iran

Convergence of Science and Technology in Education and Research Symposium The Panel Member.

[2024] Kashan University of Medical Sciences, Kashan, Iran

Technology and Entrepreneurship Symposium The Panel Member.

[2022] Tehran, Iran.

23rd Iranian Conference on Health Professions Education Holding and hosting a breakfast meeting.

[2022] Tehran, Iran

23rd Iranian Conference on Health Professions Education The Speaker.

[2023] Kashan, Iran

1st International Congress of Palliative and Supportive Care in Older Adults The key speaker titled "Using Telemedicine services for Ageing and Elderly"

[2017] Shiraz, Iran

2ed International Congress on Mobile Health Poster presentation of a paper titled " Application of wireless medical sensor networks in individuals health status monitoring: review of common systems and projects"

[2017] Shiraz, Iran

2ed International Congress on Mobile Health. Poster presentation of a paper titled " Application of wireless medical sensor networks in m-Heath: opportunities and challenges"

[2021] Shiraz, Iran

4th International Congress on Mobile Health Poster presentation of a paper titled " An overview of the use of smartphone application to educate medical students"

[2021] Shiraz, Iran



4th International Congress on Mobile Health Poster presentation of a paper titled "The most popular smartphone training application for bladder cancer: quality assessment"

[2020 – 2024]

Webinars and Workshops I have been invited to speak at up to 100 demonstrative speeches on TEL, health informatics and e-learning related subjects for the faculty members and students at Kashan University of Medical Sciences.

PROJECTS

The comparison of effects of the synchronous and asynchronous E-learning Methods on the online learning self-Efficacy in the university students The completed research project; My Role was the Principal Investigator

Designing and implementing a self-management mobile application for education of children with type 1 diabetes The completed research project; My Role was the Dissertation Advisor

Development of the simulator of integrated health service system (SIB) as the educational aid tool Under Development; My Role is the Principal Investigator.

Development, Implementation and Evaluation of Nilabino: A Mobile-based Competitive Serious Game as the Educational aid Tool for medical students. Under Development; My Role is the Principal Investigator.

Design, implementation and evaluation of case-based interactive mobile application in clinical education Under Development; My Role is the Co-Investigator

[2022]

Comparison of the Effects of Synchronous E-Learning, Asynchronous E-Learning, and Face-to-Face Lectures on Knowledge and Satisfaction of Medical Students in Pediatric Gastroenterology Theoretical Courses Kashan University of Medical Sciences, Kashan, Iran The Completed Research Project My Role Was the Dissertation Co-Supervisor

[2024]

The effect of aversive therapy using virtual reality on craving, depression and self-efficacy: A pilot study in patients under methadone maintenance treatment Kashan University of Medical Sciences, Iran The completed Research Project My Role was the Dissertation Advisor

ACADEMIC EXECUTIVE ROLES

[01/01/2026 – Current]

Editorial Advisory Board Member

Indonesian Journal of Health Research and Development

[01/02/2026 – Current]

Assistant Editor

Je-LKS, Journal of e-learning and knowledge society, Italy

[2023 – 2024]

Secretary of the KaUMS committee of artificial intelligence

Kashan University of Medical Sciences, Kashan, Iran.

[06/2022 – 2024]

Head of Working Group on Education and Modern Technologies Development for Learning Improvement (TEL)

Kashan University of Medical Sciences. As part of the Justice, Excellence, and Productivity Program in medical sciences education, is led by the Educational Deputy of the Iranian Ministry of Health, Treatment, and Medical Education.

[2022 – 2024]

Secretary of the Working Group on Education and Modern Technologies Development for Learning Improvement (TEL)

At major region number seven including Isfahan, Yazd, Kashan, and Shahrekord universities of medical sciences, located in Iran



[02/2024 – 02/2024]

Member of the Canadian Alliance of Nurse Educators Using Simulation (CAN-Sim)

General Membership

[02/2024 – 10/2024]

Member of the Medical Education Study and Development Center (EDC) Council

Kashan University of Medical Sciences, Kashan, Iran.

[2021 – 2024]

Member of the Faculty Members Empowerment Committee

Kashan University of Medical Sciences, Kashan, Iran.

[2021 – 2024]

Member of the Faculty Members Evaluation Unit

Kashan University of Medical Sciences, Kashan, Iran.