

Curriculum Vitae

Personal information

First Name: Zahra

Surname: Galavi

Date of Birth: December 28, 1991

Place of Birth: Kalaleh, Golestan, Iran

Marital status: Married

Educational Background

- **Ph.D. in Medical Informatics** at *Kerman University of Medical Science (KUM), Kerman, Iran*, **GPA:** 19.29, (2019 – 2023)
Thesis: Developing heuristics and designing and evaluating an electronic tool for heuristic evaluation of mHealth applications (Thesis Grade: Excellent).
- **M. Sc in Medical Informatics** at *Tehran University of Medical Science (TUMS), Tehran, Iran*, **GPA:** 18.41, (2017 – 2019)
Thesis: Design Decision Support System to Determine Type2 Diabetes Complications Severity Index (Thesis Grade: Excellent).
- **B.S. in Computer Science** at *University of Sistan & Baluchestan (USB), Zahedan, Iran*, **GPA:** 14.65, (2011 – 2015)
Thesis: Challenges and Solutions to Improve Quality of Service in Next Generation Networks.

Published Articles

1. **Galavi Z**, Khajouei R. **Proposing an initial model for the heuristic evaluation of mHealth applications**. *Informatics in Medicine Unlocked*. 2023 Jan 1; 41:101322.
2. **Galavi Z**, Khajouei R. **Online focus groups for the development of a usability evaluation tool: Lessons learned**. *Frontiers in Health Informatics*. 2023 Sep 1; 12:154.
3. **Galavi Z**, Montazeri M, Ahmadian L. **Barriers and challenges of using health information technology in home care: a systematic review**. *The International Journal of Health Planning and Management*. 2022 Sep;37(5):2542-68.
4. **Galavi Z**, Poursad MH, Norouzi S, et al. **Public Usage, Perceived Usefulness, and Satisfaction with E-health Services in COVID-19 Pandemic**. *J Clin Res Paramed Sci* 2022;11.

5. **Galavi Z**, Khajouei R, Jahani Y. **The role of e-health on the public knowledge and behavior in preventing COVID-19**. Informatics Med Unlocked 2023; 37:101193.
6. Montazeri M, **Galavi Z**, Ahmadian L. **The role of mobile health in prevention, diagnosis, treatment and self-care of COVID-19 from the healthcare professionals' perspectives**. Digit Heal 2023; 9:20552076231171970.
7. Montazeri M, **Galavi Z**, Ahmadian L. **What are the applications of ChatGPT in healthcare: Gain or loss?**. Health Science Reports. 2024 Feb;7(2).
8. Norouzi, S., **Galavi Z**. & Ahmadian, L. **Identifying the data elements and functionalities of clinical decision support systems to administer medication for neonates and pediatrics: a systematic literature review**. BMC Med Inform Decis Mak 23, 263 (2023).
9. Montazeri M, **Galavi Z**, Ahmadian L. **Learning from previous epidemics; overcoming COVID-19 using e-health**. Front Heal Informatics 2023; 12:141.
10. Bagheri F, Behnam F, **Galavi Z**, et al. **The use of various appointment systems among patients visiting academic outpatient centers in Kerman and the evaluation of patients' perspective and satisfaction**. BMC Health Serv Res 2022; 22:1–8.
11. **Galavi Z**, Montazeri M, Norouzi S, Abbasi M, Ahmadian L. **The Role of Social Networks in the Training of Nurses to Deal with Covid-19**. Journal of Biomedical Physics & Engineering. 2023 Apr 2;13.
12. Ahmadi R, Panahi-Mishkar A, **Galavi Z**, et al. **Prediction of tuberculosis in sistan region using random forest method**. J Zabol Med Sch 2020; 3:53–60.
13. **Galavi Z**, Hajipour Talebi A, Heydari M. **Disease Registry Feasibility for Patient Recovery Management**. In: 2nd International conference on Disease Registry & Health Outcomes. 2018.
14. **Galavi Z**, **M-health interventions in preventing relapse of addiction**. In: Third International Health Congress in Shiraz. 2019.
15. **Galavi Z**, Norouzi S, Khajouei R. **Heuristics used for evaluating the usability of mobile health applications: A systematic literature review (under review)**
16. **Galavi Z**, Montazeri M, Khajouei R. **Which criteria are important in usability evaluation of mHealth applications: A systematic review of reviews (under review)**
17. Rahmati Sh, **Galavi Z**, Kavyani B, et al. **Maternal and neonatal outcomes in pregnant women with multiple sclerosis disease: systematic review and meta-analysis (under review)**
18. **Mhealth interventions to support dementia patients in covid 19: systematic review (under review)**

19. Application of machine learning in diabetes: A bibliometric study of global scientific literature 2010 to 2022 (under review)

Research projects

- Evaluating the satisfaction of pregnant mothers from non-attendance trainings for childbirth preparation
- The relationship between allergic rhinitis and common symptoms of this disease using artificial neural networks in patients referred to Mashhad Allergy Clinic in 2012-2017
- Determining the effectiveness of E-health measures carried out by the Ministry of Health to prevent the public from contracting the Covid-19 disease
- Predicting the length of stay of patients with COVID-19 in the intensive care unit based on Machine Learning techniques

Teaching experience

- Tele medicine (Islamic Azad University Kerman Branch): 23 September 2022- 22 July 2023
- Health Information Technology 2 (Islamic Azad University Kerman Branch): 23 September 2022- 22 July 2023
- "Familiarization with new approaches in systematic review studies" workshop (23-24 February 2022):
 - How to write a search strategy
 - Familiarity with the priori approach and protocol registration systems in systematic review studies

Teaching Assistant at:

- Medical Informatics (Kerman University of Medical Sciences): 23 September 2021- 30 December 2021
- Medical Informatics Systems (Kerman University of Medical Sciences): 23 September 2021- 30 December 2021
- Health information management standards (Kerman University of Medical Sciences): 23 September 2020- 30 December 2020

Honors and Awards

- Ranked number one in the Medical Informatics master's exam in 2017.
- Excellent Student of Tehran University of Medical Sciences, rank 1 (top 10%)
- Excellent Student of University of Sistan & Baluchestan, rank 4 (top 10%)
- Top Student in the CCNA course (2014)
- Member of the National Elite Foundation of Iran

Selected Courses

- Start the UX Design Process: Empathize, Define, and Ideate (online course authorized by Google and offered through Coursera)
- Foundations of User Experience (UX) Design (online course authorized by Google and offered through Coursera)
- Build Wireframes and Low-Fidelity Prototypes (online course authorized by Google and offered through Coursera)
- The 44th comprehensive training course on designing, implementing, and writing "systematic review and meta-analysis" (Tehran University of Medical Science)
- The 14th basic training course of applied statistics with STATA and MedCalc software, focusing on the application of statistical methods in writing articles (Tehran University of Medical Science)
- The first project-oriented training course for calculating sample size in research studies and articles (Tehran University of Medical Science)
- Basic training course: "Modern research methodology" in health sciences, rehabilitation, and other trends in medical sciences (Tehran University of Medical Science)
- How to design my clinical trial and compile and record the protocol of this study (Tehran University of Medical Science)
- Qualitative content analysis by MAXQDA software (Iran Library and Information Society)

Language skills

- Persian (Native)
- English (Fluent)

Activities

- Reviewer in the 5th Information Technology and Health Promotion Conference
- Executive Director of the 2nd International Congress on Illnesses and Health Outcomes
- IT representative in the dormitory of Medical Sciences
- Responsible for communication with the vice-chancellor of the university
- Secretary of "Dastane Asemani" charity

Peer Review for journals

- Journal of Medical Internet Research
- JMIR Medical Informatics
- JMIR Bioinformatics and Biotechnology
- JMIR Medical Education
- JMIR Research Protocols
- Journal of Clinical Research in Paramedical Sciences
- Journal of Health and Biomedical Informatics
- Health Science Reports
- Informatics in Medicine Unlocked

Soft Skills

- High ability to learn
- High ability in teamwork
- High ability in problem solving
- High ability in time management and interpersonal
- High flexibility
- Responsibility
- Regular and accurate
- Ability to organize, Manage and effectively lead the team
- Having the passion for better performance

Ways of communication

- Phone number:
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- Email:
Galavi.z.701007@gmail.com
- LinkedIn:
<https://www.linkedin.com/in/zahra-galavi-90945b151/>
- Google Scholar:
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- Publons Profile:
<https://www.webofscience.com/wos/op/peer-reviews/summary>

