

REZVAN RAHIMI

Curriculum Vitae

Nasr, Jalal AleAhmad

Tarbiat Modares University, Tehran, Iran

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2013-2018

PHD IN MEDICAL INFORMATICS, SHAHID BEHESHTI UNIVERSITY OF MEDICAL SCIENCES

Thesis Title: Design and Evaluation of a Clinical Decision Support System for Reducing Prescription Errors in Chemotherapy Process of Children with Acute Lymphoblastic Leukemia

2010-2012

MSC IN MEDICAL INFORMATICS, SHAHID BEHESHTI UNIVERSITY OF MEDICAL SCIENCES

Thesis Title: The Object Oriented Conceptual Model for the Application of Cancer Registry

2003-2008

BSC IN COMPUTER ENGINEERING, SHAHID BAHONAR UNIVERSITY OF KERMAN

SKILLS

- Experience with **MATLAB, Python** for data mining researches
- Experience with language programming: **C, C++, C#, VB.NET, ASP.net**
- Experience with **UML**
- Experience with Visual Studio
- Experience with SQL Server 2008,2010,2014
- Experience in designing software systems

PUBLICATIONS

- Rahimi, Rezvan, Batoul Khoundabi, Akram Fathian, Investigating the Effective Factors of Using mHealth Apps for Monitoring COVID-19 Symptoms and Contact Tracing: A Survey among Iranian Citizens. International Journal of Medical Informatics (2021).
- Rahimi, Rezvan, Hamid Moghaddasi, Khadijeh Arjmandi Rafsanjani, Gholamreza Bahoush, Alireza Kazemi. Effects of chemotherapy prescription clinical decision-support systems on the

chemotherapy process: A systematic review. *International Journal of Medical Informatics*, Volume 122, 2019, Pages 20-26, ISSN 1386-5056, <https://doi.org/10.1016/j.ijmedinf.2018.11.004>.

- Rahimi, Rezvan, Alireza Kazemi, Hamid Moghaddasi, Khadijeh Arjmandi Rafsanjani, and Gholamreza Bahoush. "Specifications of Computerized Provider Order Entry and Clinical Decision Support Systems for Cancer Patients Undergoing Chemotherapy: A Systematic Review." *Chemotherapy* 63 (2018): 162-171. DOI 10.1159/000489503 , PMID: 29969754.
- Modeling HIS. Poster presentation in the Scientific Congress of Medical Informatics, Shahid Beheshti University of Medical Science, Tehran, Iran, 2010.
- Participation in the First National Seminar on the Role of Basic Sciences on Health Promotion, Tehran, Iran, 9-10 March 2011

EXPERIENCE

(2019- NOW)

ASSISTANT PROFESSOR, Department of Medical Informatics, Faculty of Medical Sciences, Tarbiat Modares University, P.O. Box 14115-331, Tehran, Iran. Phone: +98-21-82884532

(2014 – 2019)

Teaching Assistant, Alborz University of Medical Science

Role Details

Directed aspects of the scheduling and curriculum development of the course, and coordinated assessment, registration, and testing activities.

RESEARCH INTERESTS:

- Design and Evaluation in eHealth
- Telehealth and mHealth
- Strategies to increase the interaction of medical staff with health information systems
- Management and analysis of medical big data
- Artificial intelligence and clinical decision support systems
- Standards and interoperability in healthcare systems
- Biosensors
- Ontology