

Mehran Kamkarhaghighi

Étudiant Doctorant en génie électrique et informatique

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Études:

- ✓ 2015- Présent: Étudiant Doctorant en génie électrique et informatique
- ✓ 2016- Certificat en enseignement universitaire pour les assistants d'enseignement à UOIT
Enseignement et Learning Center, Ontario, Canada
- ✓ 2011- 2015: Étudiant doctorat en Informatique Médicale
- ✓ 2014- Chercheur invité à University of Ontario Institute of Technology (UOIT), Ontario, Canada
- ✓ 2003-2005: Master maîtrise en Architecture des Ordinateurs
- ✓ 1999-2003: Licence en Génie Informatique

Distinctions et Prix:

- ✓ Ontario Graduate Scholarship (OGS), Ontario Ministry of Training, Colleges, and Universities, 2017-2018
- ✓ Top étudiant dans le domaine de l'informatique médicale, Shahid Beheshti University of Medical Sciences, 2014

Publications:

- ✓ M. Kamkarhaghighi and M. Makrehchi, "Content Tree Word Embedding for Document Representation," *Expert Systems with Applications*, 2017.
- ✓ M. Kamkarhaghighi, M. Kamkarhaghighi, P. Mirza-Babaei, P. Mirza-Babaei, K. El-Khatib, K. El-Khatib, *et al.*, "Architecture guideline for game-based stroke rehabilitation," *World Journal of Science, Technology and Sustainable Development*, vol. 14, pp. 228-240, 2017.
- ✓ M. Kamkarhaghighi, P. Mirza-Babaei, and K. El-Khatib, "Game-Based Stroke Rehabilitation," in *Recent Advances in Technologies for Inclusive Well-Being*, ed: Springer, 2017, pp. 147-162.
- ✓ M. R. Katigari, H. Ayatollahi, M. Malek, and M. K. Haghghi, "Fuzzy expert system for diagnosing diabetic neuropathy," *World journal of diabetes*, vol. 8, p. 80, 2017.
- ✓ M. Kamkarhaghighi, I. Chepurna, S. Aghababaei, and M. Makrehchi, "Discovering Credible Twitter Users in Stock Market Domain," in *Web Intelligence (WI), 2016 IEEE/WIC/ACM International Conference on*, 2016, pp. 66-72.

- ✓ H. Moghaddasi, S. Sajjadi, and M. Kamkarhaghighi, "Reasons in Support of Data Security and Data Security Management as Two Independent Concepts: A New Model," *The open medical informatics journal*, vol. 10, p. 4, 2016.
- ✓ Z. Mahmoudvand, M. Kamkar, L. Shahmoradi, and A. F. Nejad, "Determination of Minimum Data Set (MSD) in Echocardiography Reporting System to Exchange with Iran's Electronic Health Record (EHR) System," *Acta Informatica Medica*, vol. 24, p. 116, 2016.
- ✓ H. Ayatollahi, M. Hasannezhad, H. S. Fard, and M. K. Haghighi, "Type 1 diabetes self-management: developing a web-based telemedicine application," *Health Information Management Journal*, vol. 45, pp. 16-26, 2016.
- ✓ H. Moghaddasi and M. Kamkarhaghighi, "Conceptual and practical evolution of the virtual hospital," *Razi Journal of Medical Sciences*, vol. 21, pp. 1-11, 2015.
- ✓ J. Zarei, A. Mohammadi, M. E. Kameli, H. M. Kamkar, And M. K. Amini, "A Survey on The Status of The Application of Document Imaging for Storage Medical Records of Hospitals In Iran, 2013," 2015.
- ✓ H. Mehdizadeh, H. Ayatollahi, N. Esmaili, and M. Kamkar, "Designing and building a teledermatology system," *Journal of Mazandaran University of Medical Sciences*, vol. 25, pp. 170-184, 2015.
- ✓ P. Mirza-Babaei, M. Kamkarhaghighi, and K. Gerling, "Opportunities in game-based stroke rehabilitation," in *Games Media Entertainment (GEM), 2014 IEEE*, 2014, pp. 1-4.
- ✓ J. Zarei, M. Kamkarhaghighi, And A. Khash, "Revision of The Laws for Medical Records Retention in Hospitals in Iran," 2014.
- ✓ M. Kameli, H. M. Kamkar, M. Parvan, and J. Zarei, "The medical records maintenance in hospitals of Iran: A national survey," 2014
- ✓ H. Mehdizadeh, H. Ayatollahi, N. Esmaili, and K. Mehran Kamkar, "Teledermatology: A comparison of reliability and accuracy of diagnoses with those in the face to face visits," *Journal of Dermatology and Cosmetic*, vol. 4, pp. 148-156, 2013.
- ✓ S. Asadzandi, A. Shahbodaghi, S. Sajjadi, M. Kamkarhaghighi, and M. Hemmat, "A scientometric study of media literacy literature based on Scopus record through 2011," *Journal of Paramedical Sciences*, vol. 4, 2012.
- ✓ M. Kamkarhaghighi, M. Ghazisaedi, M. Meraji, and K. Kimiafar, "Comparison of Open Source Learning Management Softwares and Presenting a Native Evaluation Tool," *Iranian Journal of Medical Education*, vol. 11, pp. 398-407, 2011.
- ✓ M. Barabadi, M. Ahmadi, And H. M. Kamkar, "Evaluation of hospital information systems in the medical records department," 2010.

- ✓ F. Sadoughi, M. Kamkar, and Z. Shahinfar, "Evaluation of hospimp (hospital import)," *Journal of Mazandaran University of Medical Sciences*, vol. 19, pp. 68-72, 2009.
- ✓ M. Setayesh Barhaghi, M. Kamkar Haghghi, and M. Alizadeh, "Designing natural disaster management information system," *Journal of Health Administration*, vol. 10, pp. 45-54, 2007.

Livres:

- ✓ Abbasi, A. Sharifian, S. Goharnejad, S. Kamkarhaghghi, M. "Quality Assurance: A reference system for indicators and evaluation procedures including NSSE Questionnaire", Tehran, Iran, Nehzat Pooya publication, 1st Edition, 2012
- ✓ Kamkarhaghghi, M. Abbasi, A. "E-Learning: Questions and Answers", Tehran, Iran, Nehzat Pooya publication, 1st Edition, 2009
- ✓ Bahador, H. Kamkarhaghghi, M. Agah, Sh. "Mobile-Learning", Tehran, Iran, Nehzat Pooya publication, 1st Edition, 2009
- ✓ Parvizi, S. Hajamiri, P. Kamkarhaghghi, M. "Index of Medical Sciences Education and E-Learning", Tehran, Iran, Nehzat Pooya publication, 1st Edition, 2009

Présentations de la conférence:

- ✓ **Kamkarhaghghi, M.** Chepurna, I. Aghababaei, S. Makrehchi, M. "*Discovering Credible Twitter Users in Stock Market Domain*", Presented in IEEE/WIC/ACM International Conference on Web Intelligence, 2016, Omaha, Nebraska, USA (En Anglais)
- ✓ Mirza-Babaei, P. **Kamkarhaghghi, M.** Filho, F. Gerlin, K. "*Opportunities in Game-Based Stroke Rehabilitation*", Presented in IEEE Games, Entertainment, and Media (GEM) Conference, 2014, Toronto, Canada (En Anglais)
- ✓ **Kamkarhaghghi, M.** "Comprehensive Website Evaluation Criteria for Patient Education", Presented in the 2nd National Congress on patient education, 2014, Tehran, Iran (En Persan)
- ✓ **Kamkarhaghghi, M.** "Nano Medical informatics and its Role in Development of Medicine", Presented in the 3rd Medical Informatics Seminar for students, 2013, Tehran, Iran (En Persan)
- ✓ Mehdizadeh, M. Ayatollahi, H. Esmaeili, N. **Kamkarhaghghi, M.** "*Teledermatology: comparison of diagnostic accuracy and compliance with physical examinations*", First Telemedicine Conference, 2013, Tehran, Iran (En Persan)
- ✓ **Kamkarhaghghi, M.** "IT and patient education", Presented in the 1st National Congress of patient education, 2012, Tehran, Iran (En Persan)
- ✓ **Kamkarhaghghi, M.** Zehtabhashemi, H. "Cloud Computing in Health Sector", Presented in the 1st Symposium of The Role of Basic Science in Health Promotion, 2012, Tehran, Iran (En

Persan)

- ✓ Borjalilu, S. Mohammadi, A. **Kamkarhaghghi, M.** Mojtahedzadeh, R. "*Prediction of academic self-regulation By component of e-learning environmental system*"5th Electronic Learning Congress in Medical Education,2012, Kerman, Iran (En Persan)
- ✓ **Kamkarhaghghi, M.** Zolfkhani, S. "*Information and Communication Technology in Medicine*", Presented in the 2nd Medical Informatics Seminar for students, 2012, Tehran, Iran (En Persan)
- ✓ Zehtabhashemi, H. **Kamkarhaghghi, M.** "*Cloud Computing and it's usage in Healthcare*", Presented in the 2nd Medical Informatics Seminar for students, 2012, Tehran, Iran (En Persan)
- ✓ Maboudi, AA. Rahmatizadeh, Sh. **Kamkarhaghghi, M.** "*Using Wavelet for Compressing CT-Scan Images*", Presented in the 2nd Medical Informatics Seminar for students, 2012, Tehran, Iran (En Persan)
- ✓ Medanlo, M. **Kamkarhaghghi, M.** "*E-Learning in Nursing*", Presented in the 2nd Medical Informatics Seminar for students, 2012, Tehran, Iran (En Persan)
- ✓ Abbasi, A. **Kamkarhaghghi, M.** Setayesh, M. "*Review the effect of using Computer Assisted Assessment System in comprehensive examination in medical basic sciences in Iran University of Medical Sciences*", Abstract accepted to be presented at international Journal of Arts & Sciences (IJAS) Conference for academic disciplines,2010, Aix-en-Provence, France (En Anglais)
- ✓ **Kamkarhaghghi, M.** Meraji, M. Ghazisaeidi, M. Ramezanghorban, N. Kimiafar, K." *Comparative study of four open source code learning management systems*", Presented in the Electronic University Conference, 2010, Tehran, Iran (En Persan)
- ✓ **Kamkarhaghghi, M.** Meraji, M. Ghazisaeidi, M. Ramezanghorban, N. Kimiafar, K. "*Review of making e-learning's content standards* ", Presented in the Electronic University Conference, 2010, Tehran, Iran (En Persan)
- ✓ **Kamkarhaghghi, M.** Meraji, M. Ghazisaeidi, M. Ramezanghorban, N. Kimiafar, K. "*Comparative Study of open source code learning management systems; to provide a native model* ", Presented in the 3th national conference on implementation of e-Learning in medical sciences, 2010, Mashhad, Iran (En Persan)
- ✓ **Kamkarhaghghi, M.** Meraji, M. Ghazisaeidi, M. Ramezanghorban, N. Kimiafar, K. "*Review of e-learning standards with emphasis on SCORM* ", Presented in the 3th national conference on implementation of e-Learning in medical sciences, 2010, Mashhad, Iran (En Persan)
- ✓ **Kamkarhaghghi, M.** "*Study of the elements which are used in PCs and their Impact on Environment*", Presented in the 2nd congress of Iranian trace elements, 2010, Tehran, Iran (En Persan)
- ✓ Sarbaziazad, H. Azarderakhsh, R. **Kamkarhaghghi, M.** "*Internet II*", Accepted to be presented

in The First Iranian Student Conference on ICT, 2004, Shiraz, Iran (En Persan)

Expérience de recherché

- ✓ Principal investigator, research project entitled: "*National plan for revision of laws related to retention of medical records in healthcare centers in Iran*", 2014, Iran University of Medical Sciences
- ✓ Principal investigator, research project entitled: "*Systematic review of Cloud Computing in Iranian Health care*", 2012, Shahid Beheshti University of Medical Sciences
- ✓ Principal investigator, research project entitled: "*A Scientometric Overview of Medical Informatics articles and review its visible accessibility based on Web of Science Database*", 2012, Shahid Beheshti University of Medical Sciences
- ✓ Co-investigator, research project entitled: "*A Scientometric Overview of Medical Informatics articles and review its visible accessibility based on Scopus*", 2012, Shahid Beheshti University of Medical Sciences
- ✓ Co-investigator, research project entitled: "*Compression of CT Scan images with Wavelet Transform*", 2012, Shahid Beheshti University of Medical Sciences
- ✓ Co-investigator, research project entitled: "*A Comparision of visibility and accessibility of Medical Informatics articles based on Web of Science and Scopus Databases in Google search engine*", 2012, Shahid Beheshti University of Medical Sciences
- ✓ Principal investigator, research project entitled: "*To Design and Develop of Medical Education Encyclopedia*", 2010, Tehran University of Medical Sciences
- ✓ Principal investigator, research project entitled: "*The study of the web-based learning education on the knowledge and satisfaction of the cancer patients and their families*", 2009, Iran University of Medical Sciences
- ✓ Principal investigator, educational project entitled: "*Compilation Distance Learning Rules*", 2007, Iran University of Medical Sciences
- ✓ MSc Thesis(2005): "*Evaluation of a PLC-based fault-tolerant system and proposal for its enhancement*", Sharif University of Technology
- ✓ BSc Thesis(2003): "*CRC Generator in Verilog and VHDL*", Islamic Azad University Tehran Central Branch

Expérience professionnelle:

- ✓ 2016- Présent: scientifique de données chez Loom Analytics
- ✓ 2014- 2017: Consultant informatique au recteur de l'Université des Sciences Médicales d'Iran

- ✓ 2013- 2017: membre du corps scientifique de l'Université des Sciences Médicales d'Iran
- ✓ 2011- 2013: Membre du corps scientifique de l'Université des Sciences Médicales de Téhéran
- ✓ 2006-2011: membre du corps scientifique de l'Université des Sciences Médicales d'Iran
- ✓ 2004-2006: PDG de “Tarahan Rayaneh Pishro”
- ✓ 2003-2004: Ingénieur en informatique chez P.S.P

Intérêts de recherche:

- ✓ Analyse Juridique
- ✓ Extraction d'information
- ✓ Exploration de Texte
- ✓ Exploitation de Données
- ✓ Jeux de la Santé
- ✓ Systèmes Tolérants aux Fautes.

Connaissance Informatique:

Python, MATLAB, Java, C, C++, Visual C#, Visual Basic, HTML, PHP, Pascal, Basic, Assembly, Ladder, VHDL, Verilog, R, SPSS, Corel Draw, End Note, Microsoft Windows, Linux, Mac OS X

Langues:

- ✓ Persan (Native)
- ✓ Anglais (Academic IELTS)
- ✓ Français (Débutant)