

# Mehran Kamkarhaghighi

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## Education:

- Ü (Since 2011) PhD candidate in Medical Informatics in Shahid Beheshti University of Medical Sciences, Tehran, Iran
- Ü (2005) Master of Science in Computer Architecture from Sharif University of Technology, Tehran, Iran
- Ü (2003) Bachelor of Science in Computer Engineering (Hardware) from Islamic Azad University Central Branch, Tehran, Iran

## Conference Presentations:

- Ü Abbasi, A. **Kamkarhaghighi, 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 (In English)
- Ü **Kamkarhaghighi, 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 (in Persian)
- Ü **Kamkarhaghighi, 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 (in Persian)
- Ü **Kamkarhaghighi, 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 (in Persian)
- Ü **Kamkarhaghighi, 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 (in Persian)

- Ü **Kamkarhaghighi, M.** "*Study of the elements which are used in PCs and their Impact on Environment*", Presented in the 2<sup>nd</sup> congress of Iranian trace elements, 2010, Tehran, Iran (in Persian)
- Ü Sarbaziadzad, H. Azarderakhsh, R. **Kamkarhaghighi, M.** "*Internet II*", Accepted to be presented in The First Iranian Student Conference on ICT, 2004, Shiraz, Iran (in Persian)

### **Research Experience:**

- Ü MSc Thesis(2005): "*Evaluation of a PLC-based fault-tolerant system and proposal for its enhancement*", Sharif University of Technology
- Ü BSc Thesis(2003): "*CRC Generator in Verilog and VHDL*", Islamic Azad University Tehran Central Branch
- Ü Principal investigator, research project entitled: "*To Design and Develop of Medical Education Encyclopedia*", 2010, Tehran University of Medical Sciences
- Ü 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
- Ü Principal investigator, educational project entitled: "*Compilation Distance Learning Rules*", 2007, Iran University of Medical Sciences

### **Experience:**

#### Teaching

- Ü Faculty member, Tehran University of Medical Sciences, 2010-Now
- Ü Faculty member, Iran University of Medical Sciences, 2006-2010
- Ü Instructor, Iran University of Medical Sciences, 2006-Now:
  - Computer Applications in Management, School of Health Care Management
  - Computer and Programming, School of Health Care Management
  - Informatics Systems, School of Health Care Management And Faculty of Public Health
  - Computer Applications in Medical Education, Educational Development Center
  - Computer and New Technologies in Medical Documents, School of Health Care Management
  - Management of Centers and Informatics Networks in Iran, School of Health Care Management
  - IT in Nursing, School of Nursing & Midwifery

## Engineering

- Ü Head of Virtual Learning Unit of Iran University of Medical Sciences, 2010
- Ü IT manager in Educational Vice Chancellor of Iran University of Medical Sciences, 2007- Now
- Ü CEO of "Tarahan Rayaneh Pishroo" Company, 2004-2006, Tehran, Iran
- Ü Engineering Designer of Microcontroller based Circuits in "Power Supply Products", 2003-2004, Tehran, Iran

## Publications:

- Ü **Kamkarhaghighi, M.** Meraji, M. Ghazisaeidi, M. Ramezanghorban, N. Kimiafar, K. "*Comparison of Open source Learning Management Softwares and Presenting a Native Evaluation Tool*", Iranian Journal of Medical Education, 2011, 11(4) (in Persian)
- Ü **Kamkarhaghighi, M.** Noushabadi, S.N. Noushabadi, S.A. "*Secure File Transfer Protocols in Office Automation Systems*", 3<sup>rd</sup> International E-Governance Conference, 2010, Tehran, Iran (In Persian)
- Ü Ahmadi, M. Barabadi, M. **Kamkarhaghighi, M.** "*Evaluation of Hospital Information Systems in the Medical Records Department*", Journal of Health Information Management, 2010, 7(1) (in Persian)
- Ü **Kamkarhaghighi, M.** Abbasi, A. Setayesh, M. "*Review the effect of using adaptive leadership training system in comprehensive examination in medical basic sciences in Iran University of Medical Sciences*", 11 th Iran Medical Education Conference, 2010, Tehran, Iran (In Persian)
- Ü **Kamkarhaghighi, M.** Meraji, M. Ghazisaeidi, M. Ramezanghorban, N. Kimiafar, K. "*Comparative study of four open source code learning management systems*", Electronic University Conference, 2010, Tehran, Iran (in Persian)
- Ü **Kamkarhaghighi, M.** Meraji, M. Ghazisaeidi, M. Ramezanghorban, N. Kimiafar, K. "*Review of making e-learning's content standards* ", Electronic University Conference, 2010, Tehran, Iran (in Persian)
- Ü **Kamkarhaghighi, M.** Meraji, M. Ghazisaeidi, M. Ramezanghorban, N. Kimiafar, K. "*Comparative Study of open source code learning management systems; to provide a native model* ", 3th national conference on implementation of e-Learning in medical sciences, 2010, Mashhad, Iran (in Persian)
- Ü **Kamkarhaghighi, M.** Meraji, M. Ghazisaeidi, M. Ramezanghorban, N. Kimiafar, K. "*Review of e-learning standards with emphasis on SCORM* ", 3th national conference on implementation of e-Learning in medical sciences, 2010, Mashhad, Iran (in Persian)
- Ü **Kamkarhaghighi, M.** "*Study of the elements which are used in PCs and their Impact on*

*Environment*", 2<sup>nd</sup> congress of Iranian trace elements, 2010, Tehran, Iran (in Persian)

- Ü **Kamkarhaghghi, M.** Abbasi, A. "*E-Learning: Questions and Answers*", Tehran, Iran, Nehzat Pooya publication, 1<sup>st</sup> Edition, 2009 (Published book in Persian)
- Ü Bahador, H. **Kamkarhaghghi, M.** Agah, Sh. "*Mobile-Learning*", Tehran, Iran, Nehzat Pooya publication, 1<sup>st</sup> Edition, 2009 (Published book in Persian)
- Ü Parvizy, S. Hajamiri, P. **Kamkarhaghghi, M.** "*Index of Medical Sciences Education and E-Learning*", Tehran, Iran, Nehzat Pooya publication, 1<sup>st</sup> Edition, 2009 (Published book in Persian)
- Ü Sadoughi, F. **Kamkar, M.** Shahinfar, Z. "*Evaluation of Hospimp (Hospital Import)*", Journal of Mazandaran University of Medical Sciences, 2009, 19(69), 68-72 (in Persian)
- Ü Setayesh, **M. Kamkarhaghghi, M.** Alizadeh, M. "*Designing Natural Disaster Management Information System*", Journal of Health Administration, 2007, 10(29), 37-44 (in Persian)
- Ü Sarbaziazad, H. Azarderakhsh, R. **Kamkarhaghghi, M.** "*Internet II*", The First Iranian Student Conference on ICT, 2004, Shiraz, Iran (in Persian)
- Ü **Kamkarhaghghi, M.** Azarderakhsh, R. "*Wireless and Mobile interconnection networks for Parallel Processing*", The First Iranian Student Conference on ICT, 2004, Shiraz, Iran (in Persian)

#### **Affiliations:**

- Ü Iranian ICT guild organization, 2008-Now, Tehran, Iran
- Ü Iranian Society for Trace Elements Research, 2007-Now, Tehran, Iran

#### **Auxiliary:**

- Ü Attending workshop on "Excel 2007" , Iran University of Medical Sciences, 2010, Tehran, Iran
- Ü Attending workshop on "Information Mastery" , Shahrekord University of Medical Sciences, 2009, Shahrekord, Iran
- Ü Attending workshop on "Role of Computer in Medical Education" , Iran University of Medical Sciences Educational Development Center, 2009, Tehran, Iran
- Ü Attending workshop on "Role of Information Technology in Medical Education" , 10<sup>th</sup> Congress on Medical Education, 2009, Shiraz, Iran
- Ü Distance Learning Plenary member, WFME -Iran Joint International congress on: "Implementation of WFME standards in Undergraduate Medical Education" November 2008, Kish Island - Iran
- Ü Virtual Learning plenary member, 9<sup>th</sup> National Congress on Medical Education, 2008, Yazd, Iran

**Professional Courses:**

- ü (2011) “EndNote”, Tehran University of Medical Sciences, Tehran, Iran
- ü (2010) “Hack & Security”, Asr-e-Shabakeh Institute, Tehran, Iran
- ü (2005) "Basics of PLC", Paykar Bonyan Co, Tehran, Iran
- ü (2005) "Advanced PLC Programming", Paykar Bonyan Co, Tehran, Iran
- ü (2005) "Human Machine Interface", Paykar Bonyan Co, Tehran, Iran
- ü (2004) "AutoCAD I", Red Cross IT Center, Tehran, Iran
- ü (2004) "AutoCAD II", Red Cross IT Center, Tehran, Iran
- ü (2004) "Photoshop", Red Cross IT Center, Tehran, Iran
- ü (2004) "ICDL II", Red Cross IT Center, Tehran, Iran
- ü (2004) "ICDL I", Red Cross IT Center, Tehran, Iran

**Research Interests:**

- ü Security of HIS
- ü Network Security
- ü Fault tolerant systems
- ü Wireless Networks
- ü Ad hoc Networks
- ü Virtual Learning
- ü Patient Simulation

**Computer Knowledge:**

- ü ArcGIS
- ü Corel Draw
- ü End Note
- ü SPSS
- ü Matlab
- ü R
- ü Programming with: ASP.Net/PHP/VB/Pascal/C++/Basic
- ü Microsoft Windows
- ü Linux

- Ü Mac Os X
- Ü Microsoft Word
- Ü Microsoft Excel
- Ü Microsoft Power Point
- Ü Microsoft Access
- Ü Microsoft Front Page
- Ü Microsoft Share Point Designer

**Languages:**

- Ü Persian (Native)
- Ü English (Academic IELTS Overall Score: 6.5)
- Ü Français (Débutant)