

MOHSEN SADIGHI MOSHKENANI

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- Birth year: 1951
 - Nationality: Iranian
 - Marriage: Married
 - Language: Persian, English, Arabic (a little)
 - Position: Assistant Professor
 - Membership: ACM, Informatics Society of Iran
 - Address: School of Science and Engineering
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Education

- Ph.D., Computer Science 1987–1991
- Faculty of Engineering, Indian Institute of Science (IISc), Bangalore, India.
<http://www.iisc.ernet.in/>
- Thesis title: "*Knowledge Teaching: An alternative Strategy for Knowledge-base Development*"
- M.Sc., Computer Science, 1973–1976
- Sharif University of Technology, Tehran, Iran
<http://www.sharif.ir/en/>
- Thesis title: "*Data Definition in Data Base Systems*"
- B.Sc., Mathematics & Statistics, 1970–1973
- Shiraz University, Shiraz, Iran
<http://www.shirazu.ac.ir/en/>

Employment Record

- 2007– Present, Assistant Prof.
IT Group, School of Science and Engineering, Sharif University of Technology, International Branch, Kish Island, Iran.
<http://kish.sharif.edu/>
- 1993 – 2007, Assistant Prof.
Computer Group, Faculty of Electrical and Computer Engineering, Isfahan University of Technology, Isfahan, Iran.
<http://ece.iut.ac.ir/>
- 1982–1993, Instructor, then Assistant Prof.
Computer Group, Faculty of Electrical and Computer Engineering, Shahid Beheshti University, Tehran, Iran.
<http://ece.sbu.ac.ir/>
- 1976–1982, Instructor,
Computer Group, School of Planning and Computer Applications, Tehran, Iran.

Taught courses

- Under graduate:
 - <http://sadighim.ir/Courses/ba.html>
 - Systems Analysis and Design/ Software Engineering I
<http://sadighim.ir/Courses/ba/sad.html>
 - Software Engineering/ Software Engineering II
<http://sadighim.ir/Courses/ba/se2.html>
 - Application (and Domain) Engineering
<http://sadighim.ir/Courses/ba/ae.html>
 - Object Oriented Systems
 - Strategic Planning and Management
<http://sadighim.ir/Courses/ba/sp.html>
 - Operating Systems
<http://sadighim.ir/Courses/ba/os.html>
 - Artificial Intelligence
 - Real-time Systems
 - Scientific Presentation
 - Data Structures
 - Discrete Structures
 - Programming

- OS Lab
- Computer Lab
- Computer for Industrial Engineering Students
- Computer for Agricultural Engineering Students
- Graduate:
 - <http://sadighim.ir/Courses/ma.html>
 - Advanced Software Engineering
 - <http://sadighim.ir/Courses/ma/ase.html>
 - Requirement Engineering
 - Advance Operating Systems
 - <http://sadighim.ir/Courses/ma/aos.html>
 - Distributed Systems
 - <http://sadighim.ir/Courses/ma/dos.html>
 - Semantic Web
 - <http://sadighim.ir/Courses/ma/sw.html>
 - Knowledge Engineering
 - Intelligent Systems
 - Expert Systems
 - Human Computer Interaction
 - Special topics
 - Seminar
 - Computer for Textile Students

Interested areas

- Semantic (knowledge-based) Web
- Knowledge Engineering & Knowledge Management
- Software Engineering
- Education

Publications

- Books (in Persian)
 - **Sadighi Moshkenani, M.** "*Thesis Guide*", EBook, 2008. Available at <http://sadighim.ir/Personal/fa/product/81-author12.html>
(Its translation to English is getting ready too)

- **Sadighi Moshkenani, M.** "*Toward Better Software Development: Principals of Software Engineering*", Sheikh Bahaei Publishing, Isfahan, 2007 (ISBN: 978-964-92527-6-6).
<http://sadighim.ir/SEbook/>
- **Sadighi Moshkenani, M.** "*Program and Programming*" (for teen agers), Goftomane Andisheh Moasser Publishing, 2006, Isfahan (ISBN 964-8745-03-x).
<http://sadighim.ir/Personal/fa/product/77-author08.html>
- **Sadighi Moshkenani, M.** "*Simple ways to get thin*", Goftomane Andisheh Moaser Publishing, 2006, Isfahan (ISBN: 964-8745-29-3).
<http://sadighim.ir/Personal/fa/product/76-author07.html>
- **Sadighi Moshkenani, M.** "*A Tour in the Internet*" (for teen agers), Kankash Publishing, Isfahan, 2003 (ISBN: 964-6329-66-7).
<http://sadighim.ir/Personal/fa/product/72-author03.html>
- **Sadighi Moshkenani, M.** "*The Question Game*" (for children), Soffeh Publishing, Isfahan, 1998 (ISBN: 964-91800-0-1).
- **Sadighi Moshkenani, M.** "*OS Lab Instruction Book*", Isfahan University of Technology, 1998.
- **Sadighi Moshkenani, M.** "*Brief Review of C and Points about C++*", Isfahan University of Technology, 1997.
- **Sadighi Moshkenani, M.** "*The World of Zeros and Ones*" (for teen agers), Madrasa Publishing, Tehran, 1996 (ISBN: 964-353-107-4).
(Awarded as scientific book for children and adolescences by the *book of the year* of the Islamic Republic of *IRAN* in 1997)
<http://sadighim.ir/Personal/fa/product/70-author01.html>
- **Sadighi Moshkenani, M.** "*Teaching Experience*", 1990. Available at
<http://sadighim.ir/Personal/fa/product/262-author20.html>
- Audio Books (in Persian for Visually Impaired People)
 - **Sadighi Moshkenani, M.** and Rezaey, N. "*Simpler Blind's Life by Web*", Isfahan Math House, 2011.
<http://sadighim.ir/Personal/fa/product/264-author21.html>
 - Rezaey, N. and **Sadighi Moshkenani, M.** "*Address-Book Self Taught for Blinds*", Isfahan Math House, 2010.
<http://sadighim.ir/Personal/fa/product/261-author19.html>
 - Rezaey, N. and **Sadighi Moshkenani, M.** "*Mobile Talks Self Taught for Blinds*", Isfahan Math House, 2010.
<http://sadighim.ir/Personal/fa/product/224-author18.html>

- **Sadighi Moshkenani, M.** and Rezaey, N. "*Keyboard Self Taught for Blinds*", Science and Arts Foundation, 2009.
<http://sadighim.ir/Personal/fa/product/223-author17.html>
- **Sadighi Moshkenani, M.** and Rezaey, N. "*Introduction to Jaws' Sound*", Science and Arts Foundation, 2008.
- Rezaey, N. and **Sadighi Moshkenani, M.** "*Excel Self Taught for Blinds*", 2008.
<http://sadighim.ir/Personal/fa/product/82-author14.html>
- **Sadighi Moshkenani, M.** and Rezaey, N. "*PowerPoint Self Taught for Blinds*", Science and Arts Foundation, 2008.
<http://sadighim.ir/Personal/fa/product/80-author15.html>
- **Sadighi Moshkenani, M.** and Rezaey, N. "*Email Self Taught for Blinds*", Science and Arts Foundation, 2007.
<http://sadighim.ir/Personal/fa/product/83-author11.html>
- Rezaey, N. and **Sadighi Moshkenani, M.** "*Internet Self Taught for Blinds*", Science and Arts Foundation and Isfahan Math House, 2007.
<http://sadighim.ir/Personal/fa/product/78-author09.html>
- Rezaey, N. and **Sadighi Moshkenani, M.** "*Advanced Windows XP Self Taught for Blinds*", Science and Arts Foundation and Isfahan Math House, 2005.
<http://sadighim.ir/Personal/fa/product/75-author06.html>
- Rezaey, N. and **Sadighi Moshkenani, M.** "*Elementary Windows XP Self Taught for Blinds*", Science and Arts Foundation and Isfahan Math House, 2005.
<http://sadighim.ir/Personal/fa/product/74-author05.html>
- Rezaey, N. and **Sadighi Moshkenani, M.** "*Word Self Taught for Blinds*", Isfahan Math House, 2005.
<http://sadighim.ir/Personal/fa/product/73-author04.html>
- Translated Books to Persian
 - **Sadighi Moshkenani, M.** and Pedram, H. "*Operating Systems*", Sheykhe Bahaei Publishing, 1999 (ISBN: 964-90539-6-4).
(Awarded as the best university book in computer science in 1998, and selected book for last stage of the *book of the year* of the Islamic Republic of *IRAN* in 1999)
<http://sadighim.ir/Personal/fa/product/86-translation1.html>
 - **Sadighi Moshkenani, M.** "*Object Oriented Design*", Isfahan University of Technolog, 2006. (written by Grady Booch, 1992)
<http://sadighim.ir/Personal/fa/product/87-author-translation3.html>

- Sadighi Moshkenani, M. "*Software Engineering with Student Project Guidance*", Isfahan University of Technology, 2000. (written by BT Mynatt, 1990)
- Sadighi Moshkenani, M. "*Advanced Operating Systems*", 2009, (written by Pradeep K. Sinha, 1996)
available at <http://sadighim.ir/Personal/fa/product/222-author-translation2.html>
- Papers
 - Raja, M. M. and Sadighi, M. "Semantic Approach to Social Network, An ontology-based structure design," 2nd World Congress on Computer Science and Information Engineering, Changchun, China 2011. (Accepted but not registered)
 - Raja, M. M. and Sadighi, M. "Semantic Approach to Privacy Protection in Social Networks," 2nd World Congress on Computer Science and Information Engineering, Changchun, China 2011. (Accepted but not registered)
 - Raja, M. M. and Sadighi M. "A Web Service Interface for Ontology Query Execution and SPARQLAS/SPARQL Transformation," The 4th Mahasarakham International Workshop on Artificial Intelligence, Mahasarakham, Thailand 2010. (Accepted but not registered)
 - Alioon, Y. and Sadighi Moshkenani, M. "*Relation Maintenance in Social Networks Using Semantic Attributes*", The 1st international Symposium on Computing in Science & Engineering, Kusadasi, Aydin, Turkey, 2010.
 - Tabatabaei Tabrizi, A. and Sadighi Moshkenani, M. "*Evaluation of Web Applications According to Intelligence Parameters*", CIMCA/IAWTIC/ISE 2008: 698-702
<http://sadighim.ir/Personal/fa/product/183-article12.html>
 - Moradian Zadeh, P. Mohi, M. and Sadighi Moshkenani, M. "*Mining social network for extracting topic of textual conversations*", CSTST 2008: 232-237
<http://sadighim.ir/Personal/fa/product/107-article18.html>
 - Moradian Zadeh, P. and Sadighi Moshkenani, M. "*Mining Social Network for Semantic Advertisement*", iccit, vol. 1, pp.611-618, Third International Conference on Convergence and Hybrid Information Technology, 2008.
<http://sadighim.ir/Personal/fa/product/106-article14.html>

- Karimpoor H., Isazadeh A. and **Sadighi Moshkenani, M.** "*Object-Oriented Hypermedia Design and J2EE Technology for Web-based Applications*", Journal Issues in Informing Science and Information Technology, Vol. 5, pp 729–740, 2008.
<http://sadighim.ir/Personal/fa/product/111-article22.html>
- Seifzadeh, H. Kermani, M. and **Sadighi Moshkenani, M.** "*Dynamic Maintenance of Software Systems at Runtime*", Proceeding of Third International Conference on Availability, Reliability and Security, pp.859–865, 2008.
<http://sadighim.ir/Personal/fa/product/110-article21.html>
- Moradianzadeh, P. Mohi, M. and **Sadighi Moshkenani, M.** "*Towards Dynamic Assignment of Rights and Responsibilities to Agents*", Advances in Computer Science and Engineering: 13th International CSI Computer Conference, CSICC 2008 Kish Island, Iran, March 9–11, 2008.
- Beheshti, S.M.R. and **Sadighi Moshkenani, M.** "*Dynamic Grid Resource Discovery Service Based on Metadata*", Accepted paper in 2007 IEEE International Symposium on Cluster Computing and the Grid (CCGrid) but not registered, May 2007, Rio de Janeiro, Brazil.
- Beheshti, S.M.R. and **Sadighi Moshkenani, M.** "*Development of Grid Resource Discovery Service Based on Semantic Information*", SpringSim'07, March 2007, USA.
<http://sadighim.ir/Personal/fa/product/115-article23.html>
- Beheshti, S.M.R. and **Sadighi Moshkenani, M.** "*Development of Grid Resource Discovery Service Based on Service Oriented Architecture*", 12th International CSI Computer Conference, Feb. 2007, Tehran, Iran.
- **Sadighi Moshkenani, M.** "*Toward Islamic Standards in the International Information Society*", IC3I'06, Dec. 2006, Isfahan, Iran.
<http://sadighim.ir/Personal/fa/product/258-article01.html>
- **Sadighi Moshkenani, Mohsen,** "*Mathematics Education Based on Usability and Knowledge Management*", 9th Iranian Mathematic Education Conference, June 2006, Share Kord, Iran.
- **Sadighi Moshkenani, M.** "*Mathematic Education with Emphasis on Applications*", Proceedings of Iranian Mathematic Education Conference, Aug. 1996, Isfahan, Iran.
- **Sadighi Moshkenani, M.** "*An Architecture for Research System Based on Knowledge-Management-Based Architecture*", for Proceedings of First

- International Conference on Research methods in Sciences, Technology and Engineering, Imam Hossein University, Tehran, Iran, April 2006.
- **Sadighi Moshkenani, M.** and Rezaey, N. "*ICT skills for the Blind: Object Oriented Approach*", IEEE Proceedings of ICTTA'06, Damascus, Syria, April 2006.
<http://sadighim.ir/Personal/fa/product/112-article24.html>
 - Rezaey, N. and **Sadighi Moshkenani, M.** "*How Blinds can read usual documents*", Neishaboor, Iran, 1384.
 - Mojtahedi, S.M., **Sadighi Moshkenani, M.** and Zamanifar, K. "*A method to tackle challenges on Persian language Web content mining*", Irandoc Quarterly of Science and Information Technology, Vol. 21, No.2, Jan. 2005.
<http://sadighim.ir/Personal/fa/product/113-article25.html>
 - **Sadighi Moshkenani, M.** "*Software Scientific Testing*", Computer Report, Serial No. 157, May and June 2004.
 - **Sadighi Moshkenani, M.** and Imamjomeh, M. "*Iconix Methodology*", Computer Report, Serial No. 55, Jan. and Feb. 2004.
 - **Sadighi Moshkenani, M.** and Bahrami, A. "*Comparing vulnerabilities of Linux and NT operating systems*", Proceedings of Operating System and Security Conference, Sharif University of Technology, Tehran, Iran, Dec. 2003.
 - **Sadighi Moshkenani, M.** and Soleimani, S. "*Extreme Programming*", Computer Report, Serial No. 153, Sep. and Oct. 2003.
 - **Sadighi Moshkenani, M.** "*Finishing in Software Development Process*", Computer Report, Serial No. 151, June 2003.
 - Majidi, A. and **Sadighi Moshkenani, M.** "*Computer Aided Education*", Roshd of Educational Technology, Madreseh Publishing, Serial No. 145, Dec. 2002.
 - Majidi, A. and **Sadighi Moshkenani, M.** "*Computer Aided Education*", Roshd of Educational Technology, Madreseh Publishing, Serial No. 144, Nov. 2002.
 - **Sadighi Moshkenani, M.** "*Small problems with big factors*", Proceedings of Information Technology for Problem Solving Seminar, Iran Productivity Organization, Tehran, Iran, 1999.
 - **Sadighi Moshkenani, M.** and Majidi, A. "*A Dynamic Software Foundation: Study of Development Mechanisms of Computer Based Education Systems*", Computer Report, Serial No. 144, Nov. 1999.

- **Sadighi Moshkenani, M.** "*Toward Upheaval of Research Management Paradigm of the Country*", First Scientific Conference on Research Problems of the Country, Tehran, Iran, April 1999.
- Majidi, A. and **Sadighi Moshkenani M.** "*Computer Aided Education in Iran's Case*", Allameh Tabataba'i University, Tehran, Iran, 1998.
- Majidi, A. and **Sadighi Moshkenani, M.** "*Design of Computer Professional Certificate Grant*", Proceedings of Third International Conference of Iran Computer Society, Iran University of Science & Technology, Tehran, Iran, Dec. 1997.
<http://sadighim.ir/Personal/fa/product/239-article04.html>
- **Sadighi Moshkenani, M.** "*Computer and Future Job*", Mathematical Proof, Serial No. 22, Fall 1997.
<http://sadighim.ir/Personal/fa/product/240-article03.html>
- **Sadighi Moshkenani, M.** "*Math Education with Emphasis on Applications*", Mathematical Proof, Serial No. 21, Summer 1997.
<http://sadighim.ir/Personal/fa/product/238-article05.html>
- **Sadighi Moshkenani, M.** "*Productivity Improvement by Special Education for Responsibility Acceptance*", Proceedings of Human Productivity Improvement Methods Seminar, Allameh Tabataba'i University, Tehran, Iran, Nov. 1996.
- **Sadighi Moshkenani, M.** "*Mathematic Education with Emphasis on Applications*", Proceedings of Iranian Mathematic Education Conference, Aug. 1996, Isfahan, Iran.
- **Sadighi Moshkenani, M.** "*Using Archie Information System to Identify Internet Resources*", Computer Report, Serial No. 132, Jul. and Aug. 1996.
<http://sadighim.ir/Personal/fa/product/237-article06.html>
- **Sadighi Moshkenani, M.** "*Education of Non-computer Students and its Role on Computer Students*", Computer Report, Serial No. 130, March and April 1996.
- **Sadighi Moshkenani, M.** "*Artificial Intelligence in Researches of Islamic Sciences*", Third Seminar on Computer and Islamic Sciences, Ghom, Iran, Nov. 1996.
- **Sadighi Moshkenani, M.** "*University and Computer: Necessities and Requirements*", Second Seminar on Informatics, Shahid Beheshti University, Tehran, Iran, 1995.

- Sadighi Moshkenani, M. "*Heterogeneity of Knowledge and its Importance*", Computer Report, Serial No. 123, Jan. and Feb. 1993.
<http://sadighim.ir/Personal/fa/product/235-article07.html>
- Majidi, A. and Sadighi Moshkenani, M. "*A Study of Persian Expert Systems Development Tools Based on Semantic Nets*", Computer Report, Serial No. 120, Nov. and Dec. 1993.
- Sadighi Moshkenani, M. "*Toward more Professional Organizations*", Computer Report, Serial No. 120, July and Aug. 1993.

Workshops (presented and/or ready to present)

- Architecture Documenting Using HP Template
- Heterogeneity of Knowledge
- Ontology Development
- Knowledge Management
<http://sadighim.ir/Personal/fa/product/94-workshop04.html>
- Levels and Methods for Software Reuse
<http://sadighim.ir/Personal/fa/product/96-workshop06.html>
- Software Engineering Body of Knowledge (SWEBOK)
<http://sadighim.ir/Personal/fa/product/95-workshop05.html>
- Object Model
<http://sadighim.ir/Personal/fa/product/93-workshop03.html>
- Real-time Kernel
<http://sadighim.ir/Personal/fa/product/92-workshop02.html>
- Role of IT Managers in Productivity Improvement
<http://sadighim.ir/Personal/fa/product/91-workshop01.html>
- Domain and Production Line Engineering against Application Engineering
- Teaching Computer Skills Using Object Orient Approach
- Computer Skills/ Personal IT Skills
 - Windows, Word, PowerPoint, Excel, Internet Browsing, Outlook, OneNote, MindMapper
- Scientific Presentation
- Life Engineering!