
EMAD KHAZRAEE

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EDUCATION

Ph.D. in Information Studies

Drexel University, Philadelphia, PA

2009-2014

M.Sc. in Architecture

University of Tehran, Tehran, Iran

1997-2006

GPA: 17.10/20 (Equivalent to A in US grading system)

Thesis: “*Understanding and Acting: in Search for a pattern for designing in historical areas of the cities*”

Awarded with honor (19.25/20)

Diploma in Mathematics and Physics

National Organization for Development of Exceptional Talents, Kerman, Iran

1990-1997

GPA: 18.47/20 (Iran)

Top student in Kerman Province, Iran

SUMMARY OF QUALIFICATIONS

Areas of Expertise / Research Interests

- Sociotechnical study of knowledge production and scholarly communication
- Sociotechnical study of social media use
- Information organization and knowledge representation

Skills

- Quantitative Methods: Multivariate statistical analysis, Structural Equation Modeling, Social Network Analysis, Data mining
- Qualitative Methods: Ethnography, participant observation, semi-structured interviews, content and discourse analysis
- Survey design
- Ontology design, and metadata application profile design
- Architectural design

HONORS & AWARDS

- Selected participant with full funding to attend the Citizen Lab Summer Institute (2015)
- STGlobal Consortium travel grant (2014)
- The Association for Information Science and Technology (ASIS&T) New Leaders Award (2013)
- Selected participant with full funding to attend the National Science Foundation sponsored Digital Societies and Social Technologies Summer Institute (2013)
- Honorable mention poster award, iConference (2013)
- Iran Media Program research grant: \$14K (2012)
- Travel grant for field work in Turkey, Çatalhöyük research project, Stanford Archaeology Center (2012)
- Selected participant with full funding to attend the National Science Foundation sponsored Consortium for the Science of Socio-Technical Systems (2011)
- Dean’s Award for Best Research Poster, Drexel University Research Day (2011)
- Fellow of the Historians of Islamic Art Association (2010)
- Invited associated researcher with full funding by Centre National de la Recherche Scientifique (CNRS),

France (2008)

- Ranked 12th in the National Iran University Entrance Exam, Mathematics and Physics group (1997)
- Ranked 8th in the National Iran University Entrance Exam, Arts group (1997)
- Ranked 1st in the High School Diploma in Kerman Province, Iran (1997)
- Short-listed for the Iran National Physics Olympiad (1996)
- Winner of the Khandan-e Al-e Ghalam (the Family of Pen) Award from NODET Literary Society (1996)
- Winner of the Hafezshenasi (Hafez Studies) Award from Literary Competitions of NODET (1996)

RESEARCH EXPERIENCE

Postdoctoral Research Fellow

Annenberg School for Communication, University of Pennsylvania, Philadelphia, PA 2014-present

Visiting Postdoctoral Researcher

Social Media Lab, Ryerson University, Toronto, Canada October 2014

Visiting Scholar

Center for Global Communication Studies, Annenberg School for Communication, University of Pennsylvania, Philadelphia, PA 2012-2013

- Research on media use data in Iran

Research Assistant

Drexel University, Philadelphia, PA 2009-2014

- Applied Informatics Group (AIG)
- DataNet Federation Consortium
- Revising the metadata application profile for ipl2 (Internet Public Library)
- Metadata best practices for cultural heritage

RESEARCH PROJECTS

- “Cartography of Iran’s Online Publics” (2013-present)
- “Cultural Context of Social Media Use” (2012- present)
- “Knowledge Production in Archaeological Communities of Practice” (2011-2014)
- “Ontology Design for Domain of History of Iranian Architecture” (2008-2009)
- “Gardens of Kerman,” a historic city in the southeast desert of Iran, based on historical texts and remains of gardens (2008)
- “History and Architecture of Shushtar,” a historic city southwest of Iran (2005-2006)
- “The History of Kerman Urban Form” (2002)

PUBLICATIONS

Peer Review Journal Articles

- **Khazraee, E.** and Gasson, S. (2015) “Epistemic Objects and Embeddedness: Knowledge Construction and Narratives in Research Networks of Practice,” *The Information Society: Special issue on the Regimes of Information*. 31(2), pp. 139-159.
- **Khazraee, E.** and Unsworth, K. (2012). “Social media: The new opiate of the masses?” *International Review of Information Ethics*, 18, pp. 49-59.
- **Khazraee, E.**, et al. (2011). “EIAH data model: Semantic interoperability among distributed digital repositories,” *Aslib Proceedings*, 63(1), pp. 46-56.
- **Khazraee, E.** and Park, J. (2010). “Lessons Learned from EIAH Metadata Application Profile,” *Cataloging and Classification Quarterly*, 48(5).
- **Khazraee, E.** (2008). “Shadorvan, and the Difficulties of Shushtar Historical Studies,” *Golestân-e-Honar*:

Quarterly on the History of Iranian Art and Architecture, Tehran, Academy of Art, No. 13.

- Soroush, M. and **Khazraee, E.** (2008). “The Works of Ganj-Ali-Khan and Ali-Mardan-Khan in Iran and the Subcontinent,” *Golestân-e-Honar: Quarterly on the History of Iranian Art and Architecture*, Tehran, Academy of Art, No. 13.

Full Conference Papers, Peer Review

- **Khazraee, E.** and Losey, J. (forthcoming). “Contentious Politics and Digital Repertoires of Action in Iran,” to be presented in *IAMCR 2015 Conference*, Montreal, Canada.
- Novak, A. and **Khazraee, E.** (2015). “Stealthy Protest and Freedom: Iranian Facebook Users and the Anti-Hijab Movement,” to be presented at *65th ICA Annual Conference*, San Juan, Puerto Rico.
- Ma, X. and **Khazraee, E.** (2014). “Iranian Political Landscape Seen from Iranian Presidential Election Tweets,” *2014 Social Media & Society International Conference*, Toronto, Canada.
- **Khazraee, E.** and Gasson, S. (2014). “Epistemic Objects and Embedded Paradigms,” *Academy of Management Annual Meeting, OCIS Division*. Philadelphia, PA.
- **Khazraee, E.** and Khoo, M. (2011). “Practice-Based Ontologies: A New Approach to Address the Challenges of Ontology and Knowledge Representation in History and Archaeology,” *E. García-Barriocanal, A. Öztürk, and M.C. Okur (Eds.): MTSR 2011, CCIS 240*, pp. 375–386.
- **Khazraee, E.** and Lin, X. (2011). “Demystifying Ontologies,” *Aida Slavic & Edgardo Civallero (Eds.): Classification and ontology: formal approaches and access to knowledge: Proceedings of the International UDC Seminar*, The Hague, Netherlands.
- **Khazraee, E.**, et al. (2009). “EIAH Data Model: Semantic Interoperability between Distributed Digital Repositories,” *ISKO UK 2009 Conference*, London, UK.
- Soroush, M. and **Khazraee, E.** (2009). “Shushtar Historic Hydraulic System: The Epitome of Sustainable Approach to Water Management,” *2nd international conference Water, ecosystems and sustainable development in arid and semi-arid zones*, Tehran, Iran.
- **Khazraee, E.**, Malek, H., and Forghani, H. (2008). “Introduction of ARATTA as a collaborative research tool for Iranian architectural history,” *14th International Conference on Virtual System and MultiMedia (VSMM 2008)*.

Short Papers and Posters, Refereed

- Novak, A. N., and **Khazraee, E.** (2014). The Stealthy Protester: Risk and the Female Body in Online Social Movements. *Feminist Media Studies*, pp.1094-1095.
- **Khazraee, E.**, Sanjari, A. (2014). “Most Influential or Most Vociferous: Analysis of political discussion during Iran Presidential Election 2013,” To be presented at *2014 Social Media & Society International Conference*, Toronto, Canada.
- Sanjari, A., **Khazraee, E.** (2014). “Information Diffusion Using Twitter: A case study of twitter for Iranian presidential election,” *Poster presented at the ACM Web Science 2014 Conference*, Bloomington, IN.
- **Khazraee, E.** (2013). “Information Recording in Archaeological Practice: A Socio-Technical Perspective,” *Proceedings of the 2013 iConference*, Fort Worth, TX, pp. 437-443.
- **Khazraee, E.**, Townes, A., and Grubestic, T. (2013). “Disparities in Distribution of Information Resources in the City of Philadelphia: Spatial Analysis of Socio-Demographic and Information Resource Variables,” *Proceedings of the 2013 iConference*, Fort Worth, TX, pp. 449-456.
- **Khazraee, E.** (2013). “Cultural context of social media use: How do Iranians adapt and use Facebook?” *Proceedings of the 2013 iConference*, Fort Worth, TX, pp. 742-745.
- Multak, N., **Khazraee, E.**, Rogers, M., & Dalrymple, P. (2013). “Implementing an open source EMR in a nursing informatics course,” *Proceedings of the 2013 iConference*, Fort Worth, TX, pp. 874-877.

- **Khazraee, E.** (2012). "Information Recording in Archaeological Practice: A Socio-Technical Perspective" *Poster presented at the 8th Annual Social Informatics Research Symposium (ASIS&T SIG SI)*, Baltimore, MD.
- **Khazraee, E.** (2011). "Domain Specific Considerations of Metadata for Cultural Heritage," *International Conference on Dublin Core and Metadata Applications*, The Hague, Netherlands.
- **Khazraee, E.,** Malek, H., and Shams, O. (2008). "Aratta: A Web-based Research Tool for Collaborative Research on Iranian Architectural History," *Presented at International Conference on Dublin Core and Metadata Applications*, Berlin, Germany.

Conference Presentations, Refereed

- **Khazraee, E.** (2014). "Evolution of Iran's Twitter, in the Panel on the Role of Social and other Media in the Unrests in Egypt, Turkey, Iran and Ukraine," *77th ASIS&T Annual Meeting*, Seattle, WA.
- **Khazraee, E.** (2014). "Archaeology of Archaeology: A study of the creation of archaeological knowledge in practice," *Science & Technology in Society Annual Conference (STGlobal 2014)*, Washington, DC.
- **Khazraee, E.** Gasson, S. (2013). "Knowledge Production in Archaeological Network of Practice," *The Theoretical Archaeology Group Conference (TAG2013)*, Chicago, IL.
- **Khazraee, E.** and Shakeri, S. (2010). "Strategies for Digital Cultural Collections in Islamic Countries," *Sixth Islamic Manuscript Conference*, Cambridge, UK.
- Soroush, M. and **Khazraee, E.** (2010). "Reconstruction of Kerman under governance of Zahir-o-Dole: a comprehensive master plan in the traditional society of Iran," *The Eighth Biennial Conference of the International Society for Iranian Studies*, Los Angeles, CA.
- **Khazraee, E.,** et al. (2009). "Introducing the Building Blocks of an Information Architecture," NKOS workshop in European conference on Digital Libraries, Corfu, Greece.
- **Khazraee, E.,** Moaddeli, S., and Malek, H. (2009). "EIAH's Experience in Localization and Customization of Dspace" *4th International Conference on Open Repositories*, Atlanta, GA.
- **Khazraee, E.,** et al. (2009). "A Digital Repository for Resources of Iranian Architectural History," *Accepted for Fifth Islamic Manuscript Conference*, Cambridge, UK.
- Soroush, M. and **Khazraee, E.** (2009). "Flourishing of Gardens and Water Management through cultural Interactions of Iran and the Subcontinent," *Fourth Biennial Convention of Persianate Societies*, Lahore, Pakistan.

Non-Refereed Papers, Reports, and Posters

- **Khazraee, E.** (2014). "Liking Facebook in Tehran: Social Networking in Iran," Center for Global Communication Studies, Annenberg School for Communication, University of Pennsylvania.
- **Khazraee, E.,** Yang, C. (2012). "Prosopography and Social Network Analysis: A Journey to Ancient Uruk," *Poster presented at Drexel University Research Day 2012*.
- Townes, A., **Khazraee, E.,** and Grubestic, T. (2011). "Societal Impacts of Inequality of Cultural and Information Resource Distribution," *Poster presented at Drexel University Research Day 2011*.
- **Khazraee, E.** (2010). "Social Networks and Political Awareness in Iran: A Study on the Role of Facebook in Rise of Political Awareness in Iran," *Poster presented at Drexel University Research Day 2010*.

INVITED TALKS, PRESENTATIONS, AND LECTURES

- **Khazraee, E.** (2014). "Cartography of Iran's Online Publics," *Internet Policy Observatory*, Annenberg School for Communication, University of Pennsylvania, Philadelphia, USA.
- **Khazraee, E.** (2014). "Cartography of Iran's Online Publics," *Guest Lecture, Social Media Lab*, Ryerson University, Toronto, Canada.

- **Khazraee, E.** (2013). “Archaeology of Archaeology: A study of the creation of archaeological knowledge in practice,” *IS Distinguished Young Scholars Speaker Series*, Department of Information Science, Cornell University, Ithaca, USA
- **Khazraee, E.** (2010). “An Introduction to the Name Authority Files in Iran,” *Multilingual Terminology Working Group*, Getty Research Institute, Los Angeles, USA.
- **Khazraee, E.** (2009). “An Introduction to Historical Shushtar Studies: Case Study of Shadorvan,” Shahid Beheshti University, Tehran, Iran.
- **Khazraee, E.** (2008). “Shadorvan, and the Difficulties of Shushtar Historical Studies,” *Conference on Art and Archeology of Shushtar*, Iran Academy of Art, Tehran, Iran.
- **Khazraee, E.** (2008). “An Introduction to the Encyclopedia of Iranian Architectural History,” Centre National de la Recherche Scientifique, Paris & Marseille, France.

TEACHING EXPERIENCE

Instructor

Drexel University, Philadelphia, PA

2010-2013

- Qualitative research tools and techniques and CAQDA in qualitative research methods doctoral seminar
- Assistance in designing and delivering the doctoral seminar in Social Informatics
- Nursing Informatics
- Coordinating and preparing course material for Nursing Informatics labs
- Feasibility study and development of an educational Electronic Medical Record

PREVIOUS RESEARCH AND WORK EXPERIENCE

Director of Information and Communication Technology (ICT) Department

Encyclopedia of Iranian Architectural History, Tehran, Iran

2006-2009

- Design and implementation of cyberinfrastructure for cultural heritage centers in Iran
- Design of digital asset management standards for architectural repositories in Iran
- Ontology design for Iranian architectural history
- Development of Aratta, a collaborative web-based research tool
- Customization and localization of Dspace as an architectural repository in Persian
- Design of an application profile for architectural resource description based on Dublin Core
- Establishment of information management systems in various cultural heritage centers

Research Coordinator

Hidalo Hezare Hashtom Consultant, Tehran, Iran

2006

- Research proposal for modeling of settlement pattern in the Biston Basin (a world heritage site) in the ancient times
- Research proposal for studying the role of water resources and roads in the formation of ancient settlements in Hormozgan
- Urban design competition for restructuring the Navvab Quarter in Tehran

Research Coordinator

Lar Consulting Engineering Company, Tehran, Iran

2004-2006

- Management plan for conservation of the Shushtar Historic Hydraulic System
- Comprehensive plan for conservation and restoration of the Shushtar Historic Hydraulic System

Senior Designer

Morsal Ghaleb Company, Tehran, Iran

2003-2004

- Revision and development of low cost mass housing system
- Improve livability and flexibility of houses produced by an existing prefabricated housing system in Iran

PROFESSIONAL SERVICE

- Social Media & Society International Conference, **program committee** (2015)
- ASIST SIG-SI (Social Informatics), **secretary** (2014-present)
- The Symposium on Digital Methods, Ethical Challenges, Annenberg School for Communication, University of Pennsylvania, **co-organizer** (2013)
- Archaeology's "Communities of Practice" session in the Theoretical Archaeology Group Conference (TAG2013), Chicago, **co-organizer** (2013)
- Dublin Core Metadata Initiative Advisory Board, **member** (since September 2011)
- Dublin Core Cultural Heritage Task Group, **co-chair** (since December 2011)
- Museum and the Web Conference, **student volunteer** (2011)
- Multilingual Terminology Working Group, Getty Research Institute, **member** (2010)
- Aga Khan Award for Architecture, **nominator** (since 2009)
- Management, education, and conservation of cultural heritage, conference in memory of Seyed Mohamad Bagher Shirazi, the Iranian Academy of Art, **committee member** (2008)
- Identification and evaluation of historic houses for safeguarding in the development area of Tehran University, **coordinator** (2007)
- A campaign for safeguarding plane trees in Tehran, **coordinator** (2006-2008)

REVIEWING

- Information, Communication & Society Journal (2014)
- iConference (2013; 2014; 2015)
- CSCW (Computer Supported Cooperative Work) (2013)
- ACM SIG-CHI (Computer-Human Interaction) (2013)
- ASIST SIG-SI (Social Informatics) Symposium (2012)
- Electronic Library and Information Systems Journal (2012)

UNIVERSITY SERVICE

- TA Task Force at Drexel University, training incoming teaching assistants, member (2012-2013)
- Drexel University Persian Student Association, treasurer (2012)
- Doctoral committee, iSchool at Drexel, PhD students representative (2011-2012)
- Doctoral Student Association (DSA), committee member (2011-2013)
- iSchool DSA research talks, organizer (2011)

PROFESSIONAL ASSOCIATIONS AND MEMBERSHIPS

- The Association for Information Science & Technology (ASIS&T)
- Association for Library and Information Science Education (ALISE)
- Academy of Management (AOM)
- Society for Digital Humanities
- Association for Computers and Humanities
- International Society of Iranian Studies

LANGUAGES

- Persian (native)
- English (fluent)
- Arabic (intermediate at reading)

REFERENCES

- References are available and will be furnished upon request.