

# Amir Karami

karami@mailbox.sc.edu • Office: +1 (803) 777-0197  
<https://sites.google.com/site/karamihomepage/>  
Davis College, Room 213, 1501 Greene St, Columbia, SC 29208

---

## Positions Held

University of South Carolina (USC)	COLUMBIA, SC
Assistant Professor of Library and Information Science	Aug '15 – Present
Faculty Associate for South Carolina SmartSate Center for Healthcare Quality (CHQ) at the Arnold School of Public Health	Nov '15 – Present
University of Maryland Baltimore County (UMBC)	BALTIMORE, MD
Graduate Assistant	Jan '10 – Jul '15
Adviser: Prof. Aryya Gangopadhyay	

---

## Education

UMBC	BALTIMORE, MD
PhD in Information Systems	Jan '10 – Aug '15
MS in Information Systems	Jan '10 – May '12
University of Tehran	TEHRAN, IRAN
MS in IT Management	Sep '06 – Sep '09
Iran University of Science and Technology	TEHRAN, IRAN
BS in Industrial Engineering	Sep '01 – Sep '06

---

## Selected Publications

### Peer Reviewed Conference and Journal Papers

1. Shaw, G.Jr, Karami A. (2017), **Computational Content Analysis of Negative Tweets for Obesity, Diet, Diabetes, and Exercise**, *Proceedings of the 80th Annual Meeting of the Association for Information Science and Technology (ASIST)*, Crystal City, VA (Acceptance Rate= 38%).
  2. Karami A., Dahl A. A., Turner-McGrievy G., Kharrazi H., Shaw J. G. (2017) **Characterizing Diabetes, Diet, Exercise, and Obesity on Twitter**, *Accepted to the International Journal of Information Management*. Impact Factor=4.723. H.Index=77. Acceptance Rate= 20%.
  3. Hemsley J., Erickson I., Jarrahi M.H., Karami A., (2017), **#digitalnomads, #coworking, and #futureof-work: Discourses of Work and Mobility in Twitter**, *International Conference on Social Media and Society*, Toronto, Canada.
  4. Karami A., Gangopadhyay A., Zhou, B., Kharrazi H, **Fuzzy Approach Topic Discovery in Medical and Health Text Data**, *Accepted to the International Journal of Fuzzy Systems (IJFS)*. Impact Factor=2.198. H.Index=20. Acceptance Rate= 5-6%.
  5. He X., Karami A.. **Examining the Effects of Online Social Relations on Product Ratings and Adoption: Evidence from an Online Social Networking and Rating Site**, *Accepted to the International Journal of Web Based Communities (IJWBC)*. H.Index=17. Acceptance Rate= 11-20%.
  6. Karami A., Gangopadhyay A., Zhou, B., Kharrazi H. (2015), **FLATM: A Fuzzy Logic Approach Topic Model for Medical Documents**, *Proceedings of the NAFIPS 2015*, Redmond, WA.
  7. Karami A., Zhou, B. (2015), **Online Review Spam Detection by New Linguistic Features**, *Proceedings of the iConference 2015*, Newport Beach,CA.
  8. Karami A., Gangopadhyay A.(2014), **FFTM: A Fuzzy Feature Transformation Method for Medical Documents**, *Proceedings of the BioNLP 2014 Workshop*, Association for Computational Linguistics (ACL), Baltimore, MD.
  9. Karami A., Zhou L. (2014), **Improving Static SMS Spam Detection by Using New Content-based Features**, *Proceedings of the 20th Americas Conference on Information Systems (AMCIS)*, Savannah,GA.
  10. Karami A., Guo Z (2011), **Fuzzy Logic Multi-Criteria Decision Framework for Selecting IT Service Providers**, *Proceedings of 45th Annual Hawaii International Conference on System Sciences (HICSS)*, Grand Wailea, Maui, HI.
-

## Selected Internal Awarded Grants

- *Computational Analysis of the US 2016 Presidential Election in Social Media*. **PI: Amir Karami**. USC Provost Office Social Science Research Grant Program. \$15,019. 2017-2018.
  - *Enhancing Situational Awareness by Mining Big Social Media Data in Near-real Time for Disaster Management: A CyberGIS Approach*. **Co-PI: Amir Karami**. University of South Carolina Advanced Support for Innovative Research Excellence (ASPIRE I). \$14,861. 2017-2018.
  - *Medical Case Reports Analytics (MCRA) in Neurology*. **PI: Amir Karami**. University of South Carolina Advanced Support for Innovative Research Excellence (ASPIRE I). \$14,625. 2016-2017.
  - *Functional Wellness Among Women Living with HIV in South Carolina*. **Co-PI: Amir Karami**. University of South Carolina Advanced Support for Innovative Research Excellence (ASPIRE I). \$14,625. 2016-2017.
  - *A Computational Framework for Tracking Reports, Opinions and Feelings of People in Social Media Before, During and After a Natural Disaster: Twitter Case Study in the 2015 South Carolina Flood*. **PI: Amir Karami**. University of South Carolina Internal Funding to Pursue Research on October 2015 Catastrophic Flooding. \$12,000. 2015-2016.
- 

## Teaching Experience

USC

COLUMBIA, SC

### Instructor

Jan '16 - Present

- SLIS 796: Independent Study
  - SLIS 780: Information Networks
  - SLIS 776: Web Technologies for Information Specialists
  - SLIS 770: Design and Management of Databases
  - SLIS 534: Knowledge Discovery Techniques
  - SLIS 434: Introduction to Knowledge Discovery
  - SCHC 393: Introduction to Data Science
  - SLIS 330: Introduction to Computer Technology and Applications for Information Environment
  - SLIS 301: Information Retrieval and Storage
- 

## Selected Professional Associations and Services

- The member of Undergraduate Committee, MGO & Strategic Plan Committee, and Research and Doctoral Committee at the USC School of Library and Information Science (SLIS)
  - TP committee member for Workshop on Analytics for Security in Cyber Physical Systems 2018 Collocated with ICDNC 2018
  - Develop a text analytics workshop for USC Center for Digital Humanities
  - Member of ASIS&T, ALISE, AIS, ACM, AMIA, ACL, DSI, AOM
  - Association for Information Science and Technology (ASIS&T)
  - 2014 DSI Annual Meeting Session Chair for "Methods for Improving Textual Analysis"
- 

## Reviewing

- **Journals:** JASIST, JAMIA, IJCMAM, IJDS, InformingSciJ
  - **Conferences:** ASIST, iConference, AMIA, PAKDD, ICIS, AMCIS, IEEE ISI
- 

## Professional Experience

LawIQ LLC.

WASHINGTON, DC

Part Time Data Science Consultant

Aug '14-Jan '15

Boxtone Inc.

COLUMBIA, MD

Software Engineer Intern

Summer '13