Yanyan Shang

EDUCATION

Doctor of Science in Information Systems (Specialization: Healthcare Information Systems) EGD: Aug. 2017
Dakota State University, Madison, South Dakota, USA
Thesis: Users' Continuance Participation in Online Health Communities: Short-term vs. Long-term

Master of Science Information Systems (Specialization: Data Management)**,** Jan. 2011- May 2013
Dakota State University, Madison, South Dakota, USA

Master of Science in Management Science and Engineering, Sept. 2007- June 2010
University of Shanghai for Science and Technology, Shanghai, China
Thesis: Research on Patent Resource Synergy Management among Enterprises in Supply and Demand Network.

Bachelor of Science in Business Administration, Sept. 2002-June 2006
University of Shanghai for Science and Technology, Shanghai, China
Thesis: Mathematic Model Analysis for Control of Inventory cost in Logistics Management

PROFESSIONAL EXPERIENCE

Adjunct Instructor, January 2017 – Present,
Dakota State University, Madison, SD, USA
- Course: CIS-332 Structured System Analysis and Design
- Level: Junior, Undergraduate
- Teaching Evironment: Hybrid (face-to-face and online)

Teaching Assistant and Instructor, August 2015 – December 2016
Dakota State University, Madison, SD, USA
- Teaching CIS-332: Structured System Analysis and Design
- Grading and Tutoring CIS 484: Database Management Systems

Graduate Research Assistant, Jan. 2011– Aug. 2015
Dakota State University, Madison, SD, USA
- Conduct research projects in the areas of strategic management, online health community, social media analysis, data analysis, and text mining
- Set up Big Data Analysis Lab (Hadoop Cluster)

Marketing Analyst, Jan. 2010 – Dec. 2010
Shanghai Branch of Taikang Pension Insurance Limited Company, Shanghai, China
- Writing marketing analysis report
- Training and support for sales department

Chief Editor, Enterprise Planning, May 2006 – Aug. 2007
Shanghai Perfect Information Technology Limited Company, Shanghai, China
- Designing company's website and online platform, Planning marketing activities
- Maintaining and updating online courses information and materials

PUBLICATIONS

Refereed Journal Articles

Z. Shen, Y. Shang (2014) "Financial Payoff in Patent Alliance: Evolutionary Dynamic Modeling", *Engineering Management, IEEE Transactions on, 61(4), pp.730-737.*

Refereed Conference Articles & Conference Presentations

Y. Shang, J, Xiong, J. Liu, "Exploring the Activeness of Professional Online Community Members" *In Proceedings of the 22st Americas Conference on Information Systems (AMCIS '16),* San Diego, 2016

Y. Shang, J. Liu "Health Literacy: Exploring Health Knowledge Transfer in Online Healthcare Communities", Hawaii International Conference on System Sciences (HICSS), Hawaii, 2016

P. Timsina, J. Liu, O. El-Gayar, Y. Shang "Using Semi-Supervised Learning for the Creation of Medical Systematic Review: An Exploratory Analysis ", Hawaii International Conference on System Sciences (HICSS), Hawaii, 2016

J. Liu, I. Kim, Y. Shang, "Predicting Users' Continuous Participation in Online Health Virtual Community: Content Cues", INFORMS Annual Meeting, Nashville, 2016

Y. Shang, J. Liu (2015). "Users' Continuance Participation in the Online Peer-to-peer Healthcare Community: A Text Mining Approach", *In Proceedings of the 21st Americas Conference on Information Systems (AMCIS '15)*, Puerto Rico, 2015

J. Liu, Y. Shang (2012), "The Impact of Collaboration on the Quality of Wikipedia Articles: A Social Network Perspective", *In Proceedings of the 2012 SIGBPS Workshop on Business Processes and Services (SIGBPS '12) in affiliation with ICIS'12*, Orlando, FL, 2012.

Z. Shen, Y. Shang (2012) "Evolutionary Dynamic modeling of Financial Payoff in Patent Alliance", *Midwest Academy of Management 55th Annual Meeting, Oct 4-6, 2012, Itasca, IL*

Y. Shang, F. Xu, J. Tao "Research on IDDSS in Sale Process Managing for the Small and Medium Inter-trading Enterprises." *Proceedings of the 2010 International Conference on E-Business and E-Government(ICEE '10), 2010*

CERTIFICATE

Business Analytics Graduate Certificate, May 2015
Dakota State University, Madison, South Dakota, USA

AWARDS AND GRANTS

Principal Investigator, Student Research Initiative (SRI) Award at DSU (Topic: Exploring the Activeness of Professional Online Community Members), 2016-2017
Principal Investigator, Student Research Initiative (SRI) Award at DSU (Topic: Health Literacy: Exploring Health Knowledge Transfer in Online Healthcare Communities), 2015-2016
Principal Investigator, Student Research Initiative (SRI) Award at DSU (Topic: Data science in healthcare online community: exploring user activeness pattern from communication styles), 2014-2015
Graduate with honors of Shanghai municipal government, May 2010
Outstanding student cadre of University of Shanghai for Science and Technology, September 2009

SERVICES

Serve as Reviewer for Journal: Information Systems Frontiers (ISF), and IS Conferences such as AMCIS, ICIS, HICSS, DSI, and MAM. Serve on University Research Committee at DSU. Served as a volunteer mentor of Madison middle and high school team in the BEST Robotics Game.