

# Leili Javadpour

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## EDUCATION

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- Ph.D.** (Engineering Science), August 2013  
Department of Industrial Engineering,  
Louisiana State University, Baton Rouge, Louisiana
- M.S.** (Product Design and Management), September 2009  
School of Engineering  
University of Liverpool, Liverpool, United Kingdom
- B.S.** (Industrial Engineering), Dec 2007  
Department of Industrial and Systems Engineering  
Isfahan University of Technology, Isfahan, Iran

## WORK EXPERIENCE

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**Eberhardt School of Business, University of the Pacific (08/2016 – Present)**  
**Assistant Professor**

- Courses taught:
  - Management Information Systems
  - Database Management Systems
  - E-commerce Project
  - Management Information Systems (Graduate Level)
- Serving the university and the profession, and advising undergraduate students.

**School of Engineering and Computer Science, University of the Pacific (08/2014 – 08/2016)**  
**Lecturer**

- Courses taught:
  - Computer Applications in Engineering
  - Numerical Methods for Engineering
  - Computer Science Senior Project I & II
- Served on the task force for the MS in analytics program and developed course outlines in consumer analysis, sentiment analysis, text processing and recommender systems.

**Center of Business and Information Technology, University of Louisiana Lafayette (10/2013-07/2014)**

**Database Administrator / Software Architect**

- Worked as a contractor for the Department of Health and Hospitals (DHH).
  - Leading and participating in software development in health care area.
  - Analyzing user specifications and requirements. Code, test, debug, deploy, train, and document projects for health care industry.
- Created “Big Data for Professionals” certificate at ULL

- Wrote proposal and grants related to text processing, big data and data mining.

**E.J. Ourso College of Business, Louisiana State University (08/2012-09/2013)**

**Graduate Assistant**

- Developing a new public-facing website for the College of Business.
- Providing education consulting as well as functional and technical implementation training on SharePoint for faculty and staff ensuring an easier transition for all employees.

**Department of Industrial Engineering, Louisiana State University (01/2010-08/2012)**

**Graduate Research Assistant**

- Research project for Leevac Shipyards, LLC:
  - Develop standards & efficiency metrics for key tasks for use in estimating and performance tracking Leevac Shipyards, LLC.
  - Document existing workflows through facilities, including task times and rework % times.
  - Develop simulation model to facilitate analyzing load balancing
  - Identify work process improvement opportunities, bottleneck / load balance problems.
  - Identify rework reduction priority areas and possible solutions.
  - Recommendations on load-balancing for typical scenarios.
- Studied the applications of Building Information Modeling (BIM) in IE
- Researched on the state of art methodologies in Text Processing, Information Retrieval and Knowledge Extraction

**Department of Industrial Engineering, Louisiana State University (01/2011-05/2012)**

**Instructor**

- Course taught: Introduction to Computers, teaching evolution : 3.83/4
- Lab taught: Information Systems Engineering

**AWARDS AND CERTIFICATES**

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- “Tackling the Challenges of Big Data” Certificate, MIT (2014)
- Awarded a Linguistics Data Consortium (LDC) Data Scholarship providing access to 2 annotated corpora (2012)
- Placed 4th in the audio sub-challenge at the Audiovisual Emotion Challenge (AVEC2011) in Memphis Oct 9th in conjunction with ACII 2011 conference
- Certified Internal Auditor: ISO 9001:2000 (DNV) (2005)

**PUBLICATIONS**

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**Tier 1, Publications**

**Refereed Journal Articles**

- Khazaeli, M., Javadpour, L., Estrada, H., & Takbiri, A. (2017) Assessment of Levee Erosion using Image Processing and Contextual Cueing. *Journal of Ecosystem and Ecography*, 8(2), 1-7.
- Khazaeli, M., El Kari, C., Baizer, J., Javadpour, L. (2017) Gesture based Human Computer Interaction for Athletic Training. *International Journal of Applied Exercise Physiology*, 6(3), 60-65. ISSN 2322-3537.

- Khazaeli, M., Javadpour, L., & Knapp, G. (2016). Image Segmentation from RGBD Images by 3D Point Cloud Attributes and High-Level Features. *International Journal of Image Processing*, 10(1), 1-13.
- Khazaeli, M., Javadpour, L., & Estrada, H. (2016). Image processing for erosion control of open-pit mines. *International Journal of Environment and Pollution*, 59(2-4), 203-212.
- Javadpour, L., Khazaeli, M., and Knapp, G.M., (2016). Machine Learning Approach for Pronominal Anaphora Resolution Based on Linguistic and Computational Features, *International Journal of Applied Mathematics and Machine Learning*, 5:1, 81-98
- Calix, R. A., Javadpour, L., & Knapp, G. M. (2012). Detection of affective states from text and speech for real-time human-computer interaction. *Human factors*, 54(4), 530-545.

**Refereed Proceedings:**

- Khazaeli, M.; Javadpour, L.; Knapp, G.M.; "ERP adoption in enterprises with emerging Big Data", Proceedings of the 2015 Industrial and Systems Engineering Research Conference (ISERC), May 2015, pp.1664-1671.
- Javadpour, L.; and Khazaeli, M.; "Business Intelligence in the Real Estate Industry and Effect of BIM Adoption", Proceedings of the 2015 Industrial and Systems Engineering Research Conference (ISERC), May 2015.
- Khazaeli, M., Javadpour, L., and Knapp, G.M., "Kinect Applications in Construction: From Tracking to Reconstruction", Proceedings of the 2013 Industrial and Systems Engineering Research Conference (ISERC), May 2013, pp. 259-267.
- Guidry, J; Javadpour, L.; Khazaeli, M; Knapp, G. M; "Discourse Structure Identification for Knowledge Extraction", Proceedings of the 2013 Industrial and Systems Engineering Research Conference (ISERC), May 2013, pp. 214-223.
- Calix, R. A.; Javadpour, L.; Khazaeli, M.; Knapp, G. M.; "Automatic Detection of Nominal Entities in Speech for Enriched Content Search", In Proceedings of the Twenty-Sixth International Florida Artificial Intelligence Research Society Conference (FLAIRS-26), May 22-24, 2013, St. Pete Beach, Florida, USA,
- Khazaeli, M.; Javadpour, L.; Knapp, G. M.; "Semantic Object Recognition for BIM Reverse Engineering", 2012 Industrial and Systems Engineering Research Conference (ISERC), May 2012.
- Halder, A.; Javadpour, L.; Khazaeli, M.; Knapp, G. M.; "Extracting Information from Business Documents using Linguistic and Rule-Based System" 2012 Industrial and Systems Engineering Research Conference (ISERC), May 2012.
- Calix, R. A.; Khazaeli, M.; Javadpour, L.; Knapp, G. M.; "Dimensionality Reduction and Classification Analysis on the Audio Section of the SEMAINE Database", In Proceedings of the Humaine Association Conference on Affective Computing and Intelligent Interaction (ACII 2011), Memphis, Tennessee, Oct. 9-12, 2011, (Lecture Notes in Computer Science, 2011, Volume 6975/2011, 323-331).