

Faculty Vitae

Name

Jamal M. Alsakran

Computer Science Department
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The University of Jordan
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Education

Degree	Discipline	Institution	Year
PhD	Computer Science	Kent State University, Ohio, USA	2012
Master's	Computer Science	Jordan University of Science and Technology, Irbid, Jordan	2006
Bachelor's	Computer Science	Yarmouk University, Irbid, Jordan	2003

Academic Experience

Institution	Rank	Dates Held	FT/PT
The University of Jordan, Amman 11942 Jordan	Assistant Professor	August 2012 – present	Full Time
Kent State University, Kent OH 44242	Research Assistant	August 2011 – August 2012	Full Time
Kent State University, Kent OH 44242	Graduate Assistant	August 2008 – May 2011	Full Time
The University of Jordan, Amman 11942 Jordan	Lecturer	Jan 2006 – August 2007	Full Time

Non-Academic Experience

Institution	Rank	Title	Dates Held	FT/PT
Computer Center The University of Jordan, Amman 11942 Jordan	Assistant Professor	Assistant Director for Technical Affairs	August 2014 – August 2015	Full Time
Siemens Corporate Research, Division of Siemens Corporation, 755 College Road East in Princeton, New Jersey 08540		Technical Employee	May 2011 – August 2011	Full Time
Office of International Affairs, Kent State University, Kent OH 44242		Student Employee	May 2010 – August 2010	Full Time

Awards and Honors:

- April 2010 Outstanding Academic Achievement, Phi Beta Delta, Beta Zeta Chapter, Kent State University
- April 2009 Outstanding Academic Achievement, Phi Beta Delta, Beta Zeta Chapter, Kent State University
- April 2008 Outstanding Academic Achievement, Phi Beta Delta, Beta Zeta Chapter, Kent State University

Activities

- May 2010 – May 2012 Senator in the Graduate Student Senate representing the Computer Science Department
- August 2010 – May 2012 Member of the International Peer Advisors, Kent State University

Publications:

Journal Article:

1. Ali Rodan, Ayham Fayyoubi, Hossam Faris, Jamal Alsakran, and Omar Al-Kadi, "Negative Correlation Learning for Customer Churn Prediction: A Comparison Study," *The Scientific World Journal*, vol. 2015, Article ID 473283, 7 pages, 2015
2. Alsakran, J., Rodan, A., Alhindawi, N., & Faris, H. (2014). Visualization analysis of feed forward neural network input contribution. *Scientific Research and Essays*, 9(14), 645 – 651.
3. Alhindawi, N., Alsakran, J., Rodan, A., & Faris, H. (2014) A Survey of Concepts Location Enhancement for Program Comprehension and Maintenance. *Journal of Software Engineering and Applications*, 7, 413-421.
4. Al-hazaimeh, O., Alomari, S. A., Alsakran, J., & Alhindawi, N. (2014). Cross Correlation-new Based Technique for Speaker Recognition. *International Journal of Academic Research*, 6(3).
5. Rodan, A., Hossam, F., Alsakran, J., & Alkadi, O., A Support Vector Machine Approach for Churn Prediction in Telecom Industry, *INFORMATION-An International Interdisciplinary Journal*, 17(8), 2014.
6. Jamal Alsakran, Yang Chen, Dongning Luo, Ye Zhao, Jing Yang, Wenwen Dou, and Shixia Liu. " Real-time Visualization of Streaming Text with Force-Based Dynamic System ". *IEEE Computer Graphics and Applications (CG&A)*, 32(1), pages 34-45, 2012, IEEE.

Conference:

7. Jamal Alsakran, Xiaoke Huang, Ye Zhao, Jing Yang, Karl Fast, Using Entropy-Related Measures in Categorical Data Visualization, *Proceedings of IEEE Pacific Visualization*, pages 81-88, March, 2014.
8. Scott Barlowe, Jing Yang, Donald J. Jacobs, Dennis R. Livesay, Jamal Alsakran, Ye Zhao, Deeptak Verma, James Mottonen. "A Visual Analytics Approach to Exploring Protein Flexibility Subspaces", *Proceedings of IEEE Pacific Visualization*, March, 2013, IEEE.
9. Yang Chen, Jamal Alsakran, Scott Barlowe, Jing Yang, and Ye Zhao. "Supporting Effective Common Ground Construction in Asynchronous Collaborative Visual Analytics", *IEEE Conference on Visual Analytics Science and Technology*, pages 101-110, October 2011.
10. Jamal Alsakran, Yang Chen, Ye Zhao, Jing Yang, and Dongning Luo. "STREAMIT: Dynamic visualization and interactive exploration of text streams ", *Proceedings of IEEE Pacific Visualization Symposium*, to appear, March, 2011, IEEE

11. Jamal Alsakran, Ye Zhao, Xinlei Zhao. "Tile-based parallel coordinates and its application in financial visualization", Proceedings of the Visual and Data Analysis conference at IS&T/SPIE Electronic Imaging 2010, San Jose, CA, Jan, 2010, SPIE
12. Jamal Alsakran, Ye Zhao, Xinlei Zhao. "Visual Analysis of Mutual Fund Performance", Proceedings of the 13th International Conference on Information Visualization (IV09), pages 252-259, Barcelona, Spain, July, 2009, IEEE Computer Society
13. Amer Al-Badarneh, Jamal Alsakran. "Graph-Clustering Association Rules Mining Algorithm", Proceedings of 14th International Business Information Management Conference IBIMA2010, Turkey, 2010
14. Amer. Al-Badarneh, Jamal Alsakran. "Course Selection Using Recommendation System", Proceedings of the 2008 International Arab Conference of e-Technology (IACe- T), Jordan, pp. 7-10, 2008.

Posters:

1. Jamal Alsakran, Ye Zhao, Xiaoke Huang, Alex Midget, Jing Yang. "Using Entropy in Enhancing Visualization of High Dimensional Categorical Data", IEEE Symposium on Information Visualization, 2012.
2. Jamal Alsakran, Ye Zhao, Dongning Luo, Jing Yang. " Poster: Visual Analysis of Stream Texts with Keywords Significance ", IEEE Symposium on Information Visualization, 2010.
3. Jamal Alsakran, Ye Zhao, Xinlei Zhao. "Poster : Visual Analysis for Mutual Fund Performance", IEEE Symposium on Visual Analytics Science and Technology 2008.

Presentations:

1. Jamal Alsakran, Ye Zhao, Xinlei Zhao. "Tile-based parallel coordinates and its application in financial visualization", Proceedings of the Visual and Data Analysis conference at IS&T/SPIE Electronic Imaging 2010, San Jose, CA, Jan, 2010
2. Jamal Alsakran, Ye Zhao, Xinlei Zhao. "Visual Analysis of Mutual Fund Performance", Proceedings of the 13th International Conference on Information Visualization (IV09), pages 252-259, Barcelona, Spain, July, 2009
3. Jamal Alsakran, Ye Zhao, Xinlei Zhao. "Poster : Visual Analysis for Mutual Fund Performance", IEEE Symposium on Visual Analytics Science and Technology 2008, Columbus, OH, USA