Feng Wang

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Education

2005–2009	**Bachelor**, *Shandong University*, Software Engineering, Diploma Project mentor: Dr. Ming Sun. *overall GPA: 85/100*
2009–2012	**Master**, *University of Science and Technology of China*, Computer Science, Advisor: Prof. Zhangjin Huang. *overall GPA: 84/100*
2012–Now	**Ph.D**, *Arizona State University*, Computer Science, Advisor: Dr. Ross Maciejewski. *overall GPA: 3.69*

Research Interests

- Data Visualization
- Visual Analytics
- Interaction Design
- Social Media Mining
- Visual Perception Analysis

Honors

2006	Shandong University Outstanding Student Scholarship
2007	Honorable Mention, CitiBank Cup Technology Application Contest
2008	Honorable Mention, Interdisciplinary Contest in Modeling(ICM)
2008	Shandong University Research and Innovation Scholarship
2008	Second Prize in Shandong Region, China Undergraduate Mathematical Contest in Modeling
2009	Meritorious Winner, Mathematical Contest in Modeling(MCM)
2013	Excellent Visual Analysis of Structured and Unstructured Data, VAST Box Office Challenge 2013

Projects Involved

- Visual Analytics Law Enforcement Toolkit (VALET), ongoing
  – Integration of street network information
- Foresight Initiative
  – Visual analysis design of social media and news media data
  – Data storage system architecture design
- Visual Analysis of Genealogy of US Surnames, ongoing
- Visual Box Office Prediction with Social Media
  – Server end development and interaction design for Webpages

- Error Analysis and Modeling Techniques for Subdivision Surfaces
  –Non-uniform subdivision surface analysis and GPU acceleration
- The Development and Optimization of Communication and Mathematical Library for Loongson 3A CPU
  –Optimization for Blas Level 2 functions
- Search Engine of University forums in Jinan City
  –Crawler optimization

Teaching

Spring 2011	JAVA Programming Language
Fall 2011	Advanced Computer Graphics

Visiting

Summer 2015	Purdue University Visualization and Analytics Center (PURVAC)

Programming Skills

- C, C++, JAVA, CUDA, GLSL, Javascript, PHP

Publications

Y. Lu, X. Hu, F. Wang, S. Kumar, H. Liu, and R. Maciejewski, "Visualizing social media sentiment in disaster scenarios," in *The 3rd International Workshop on Social Web for Disaster Management (SWDM'15)*, 2015.

Y. Lu, F. Wang, and R. Maciejewski, "Business intelligence from social media: A study from the vast box office challenge," *IEEE Computer Graphics and Applications*, 2014.

Y. Lu, R. Kruger, D. Thom, F. Wang, S. Koch, T. Ertl, and R. Maciejewski, "Integrating predictive analytics and social media," in *Proceedings of the IEEE Conference on Visual Analytics Science and Technology, November, 2014*, 2014.

F. Wang, J. Ibarra, A. Muhammad, P. A. Longley, and R. Maciejewski, "What's in a name? data linkage, demography and visual analytics," in *EuroVis Workshop on Visual Analytics, June, 2014*, 2014.

Y. Lu, F. Wang, and R. Maciejewski, "Vast 2013 mini-challenge 1: Box office vast - team vader," in *IEEE Conference on Visual Analytics Science and Technology, October, 2013.*, 2013.

F. Wang, Z. Huang, and L. Guo, "A mesh editing algorithm based on gaussian curvature," *Journal of Information & Computational Science*, 2013.

Z. Huang, F. Wang, and G. Wang, "Extended Doo-Sabin surfaces," *Journal of Information & Computational Science*, 2011.

L. Guo, F. Wang, Z. Huang, and N. Gu, "A fast and robust seed flooding algorithm on GPU for voronoi diagram generation," 2011.