

Lisa Gandy

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Education

PhD candidate, Electrical Engineering and Computer Science, Northwestern University, Evanston, IL. Advisor: Kristian Hammond. Expected graduation June 2012. GPA: 3.9/4.0

M.S., Computer Science, Southern Illinois University at Carbondale, Carbondale, IL. May 2005. GPA: 3.6/4.0

B.S., Computer Science, University of Southern Mississippi, Hattiesburg, MS. May 2002. GPA: 3.83/4.0

Teaching Experience

Lecturer, Northwestern University, Department of Electrical Engineering and Computer Science. Lectured, advised and guided student projects. Spring 2011.

Teaching Assistant, Northwestern University, Department of Electrical Engineering and Computer Science. Advised and evaluated students, led student labs in EECS 110 "Introduction to Computer Programming". Spring 2009.

Teaching Assistant, Northwestern University, Department of Electrical Engineering and Computer Science. Advised and evaluated students, held outside tutorials in EECS 111, "Fundamentals of Computer Programming". Winter 2009.

Teaching Assistant, Northwestern University, Department of Electrical Engineering and Computer Science. Advised and evaluated students in EECS 130 "Tools and Technology of the World-Wide Web". Fall 2008.

Undergraduate Research Advisor, Northwestern University, Intelligent Information Laboratory. Advised and led small groups of undergraduates in semester-long independent projects. 2008-present.

Teaching Assistant, Southern Illinois University Carbondale, Advised and led student labs "Introduction to Electrical and Computer Engineering", 2005.

Research Experience

Graduate Research Assistant, Northwestern University, Department of Electrical Engineering and Computer Science, Intelligent Information Laboratory. 2007-present.

Research Assistant, Southern Illinois University, Carbondale, 2004-2006.

Research Assistant, Naval Research Laboratory, 2000-2002.

Research Interests

We are currently in an era where data concerning a wide array of subjects is abundant and easy to obtain. However it is often difficult for the everyday person to sift through this data and use it effectively. My research interests involve using tools such as machine learning and information retrieval to analyze and connect these data sources in order to make them easily accessible.

Publications

L. Gandy, K. Hammond. Creating Conversations: an Automated Dialog System. International Conference of Weblogs and Social Media, 2011.

L. Gandy, N. Nichols, K. Hammond Shout Out: Integrating News and Reader Comments. International World Wide Web Conference, 2010.

L. Gandy, N. Nichols, K. Hammond. News at Seven: The Future of the Future. IJCAI 2009 AI Video Competition. Nominated Best Short Video, Best Student Video.

Zujovic, Jana, L. Gandy, S. Friedman. Classifying Paintings by Artistic Genre: An Analysis of Features & Classifiers. IEEE 2009 International Workshop on Multimedia Signal Processing.

N. Nichols, L. Gandy, K. Hammond. "From Generating to Mining: Automatically Scripting Conversations Using Existing Online Resources." International AAAI Conference on Weblogs and Social Media, 2009.

N. Nichols, K. Hammond, L. Birnbaum, L. Gandy. "Pivot: Automatically Offering Information and Services to Real-World Shoppers." Proceedings of the 2008 International Conference on Next Generation Mobile Applications, Services, and Technologies.

S. Rahimi, L. Gandy, N. Mogharreban, C. J. Roberts, "A Web Based High Performance Multi-Criteria Decision Support System for Medical Diagnosis," International Journal of Intelligent Systems, 22 1083-1099 (2007).

S. Rahimi, L. Gandy, B. Gupta, "Extracting Web User Profiles Using a Modified CARD Algorithm," proceedings of the IEEE International Conference on Fuzzy Systems 2006, IEEE Press, Vancouver, Canada, pp.582-589.

L. Gandy, S. Rahimi and B. Gupta, "A Modified Competitive Agglomeration for Relational Data Algorithm," proceeding of NAFIPS 05, IEEE Press, Ann Arbor, Michigan, pp. 210-215, June 2005.

Invited Public Demonstrations

Congressional Close Up, Invited Talk, University of Illinois at Chicago, 2011.

Congressional Close Up, Knight Foundation Presentation, Northwestern University, 2011.

News at Seven, Media Entertainment and Technology Summit 2009, Chicago Booth School of Business, Chicago.

News at Seven, WIRED NextFest 2009, Chicago.

News at Seven, WIRED NextFest 2008, Chicago.

Service

President, Graduates in Electrical Engineering and Computer Science. Involves effective budgeting, planning student events, and coordinating meetings. 2010-present.

Member, Graduate Advisory Board. Involves meeting with the chair of the Electrical Engineering and Computer Science chair to convey graduate students concerns. 2010-present.

References

Available upon request.