

Zeyao Yang

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EDUCATION	<p>Indiana University Bloomington, IN, USA. (2009.8 - present) Ph.D. Program in Computer Science, School of Informatics and Computing, GPA:3.87/4.</p> <p>Jilin University, Jilin, China. (2009.9 - 2013.6) B.S. in Computer Science, GPA:87.53/100. Thesis title: <i>Link Prediction Algorithm Basing on Differentiated Common Neighbors</i></p>
PUBLICATION	<p>Zeyao Yang, Damou Fu, et al. Link Prediction Based on Weighted Networks. In <i>AsiaSim 2012</i>, pp. 119-126. Springer Berlin Heidelberg, 2012.</p>
RESEARCH INTERESTS	<p>Complex networks and systems; Machine learning; Data mining; Modeling of dynamical processes on networks; Social media and social networks analysis; Social web application; User experience research.</p>
RESEARCH EXPERIENCE	<p>Similarity Evaluation of Concept Maps (2014.1 - 2014.5). Indiana University Bloomington.</p> <ul style="list-style-type: none">• Employ the topology of concept map to compute each concept's importance.• Evaluate similarity between two concept maps using each concept's importance. <p>Recommendation System for How to Get to Know Someone (2014.1 - 2014.5). Indiana University Bloomington.</p> <ul style="list-style-type: none">• Build a recommendation system based on revised CBR. <p>Recreational Sports Club Management System (2013.8 - 2014.12). Indiana University Bloomington.</p> <ul style="list-style-type: none">• Design and implement website using HTML. <p>Research Assistant (2012.9 - 2013.4), working on link prediction in graph. Key Laboratory of Symbolic Computation and Knowledge Engineering of Ministry of Education, Jilin University</p> <ul style="list-style-type: none">• Employ the Markov Chain to converge networks to equilibrium.• Evaluate importance of each node in networks using entropy. <p>National Undergraduate Innovation Experiment Program (2011.5 - 2012.9): a research project for link prediction based on weighted networks. Jilin University.</p> <ul style="list-style-type: none">• Revise three similarity-based Link Prediction methods to fully utilize weight information in networks.• Propose a new Link Prediction method by combining three revised methods.• Define a filter to delete spurious links before link prediction. <p>Course Registration System (2012.8 - 2012.9). Jilin University.</p> <ul style="list-style-type: none">• Complete requirement analysis.• Employ ASP to implement several important modules in the Course Registration System, such as submitting grades, adding students, and updating student information. <p>Compiler Design and Implementation Project (2012.3 - 2012.6). Jilin University.</p> <ul style="list-style-type: none">• Implement elementary functions of the compiler.• Simplify lexical analysis, syntax analysis, and semantic analysis.

	<p>Parking Management System (2011.8 - 2011.9). Jilin University.</p> <ul style="list-style-type: none"> • Program the core of the parking management system using C++. • Test the parking management system by generating random numbers. <p>Huffman Decoder (2011.8 - 2011.9). Jilin University.</p> <ul style="list-style-type: none"> • Transform ASCII into Huffman code. • Calculate compression ratio.
TEACHING EXPERIENCE	<p>Associate Instructor (2013.9-2014.6) for CSCI A110: Introduction to Computers and Computing, School of Informatics and Computing, Indiana University Bloomington</p>
AWARDS	<p>2011-2012 The Second Prize Scholarship, Jilin University.</p> <p>2011-2012 Outstanding Student Award, College of Computer Science and Technology.</p> <p>2011.5, First Prize, JLU Undergraduate Innovation Experiment Program.</p> <p>2010-2011 The First Prize Scholarship, Jilin University.</p> <p>2010-2011 Outstanding Student Award, College of Computer Science and Technology.</p> <p>2010.11 The Greatest Rate of Return Prize, Investment Simulation Competition.</p> <p>2010.10 Second Prize, Jilin Provincial Contest in Contemporary Undergraduate Mathematical Contest in Modeling.</p> <p>2009-2010, The First Prize Scholarship, Jilin University.</p> <p>2009-2010, Outstanding Student Award, Jilin University.</p>
EXTRA- CURRICULAR ACTIVITIES	<p>2014.6, Volunteer, ACM Web Science 2014 Conference.</p> <p>2011.10-2012.9, Vice President, Student Society Union of College of Computer Science and Technology.</p> <p>2010.9-2011.9, Vice Minister, Students Union of College of Computer Science and Technology.</p> <p>2010.9, Excellent Volunteer, 7th Challenge Cup University Student Business Plan Competition.</p> <p>2009.9-2010.9, Key Member, Students Union of Jilin University.</p> <p>2010.4-2010.6, Excellent Trainee, China Telecom Corporation.</p>
SKILLS	<p>Proficient in C++, Scheme. Familiar with C, HTML, MySQL, PHP, JAVA.</p> <p>Data analysis in Matlab.</p> <p>Operating System: Mac OS, Linux (Ubuntu), Windows.</p>