

ZEYAO YANG

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EDUCATION	Bachelor of Computer Science and Technology Jilin University, Changchun, China ■ Overall GPA: 86.24/100, 3.51/4.0 ■ Major GPA: 89.51/100, 3.77/4.0 ■ Mathematics GPA: 93.87/100, 3.96/4.0 ■ Rank: 10 th (3%) among 377 students	Sept 2009 – July 2013
RESEARCH EXPERIENCE	Key Laboratory of Symbolic Computation and Knowledge Engineering of Ministry of Education Research Assistant ■ Employed the Markov Chain to converge networks to equilibrium ■ Evaluated importance of each node in networks using entropy National Undergraduate Innovation Experiment Program Project Leader, Link Prediction Based on Weighted Networks ■ Revised three similarity-based Link Prediction methods to fully utilize weight information in networks ■ Proposed a new Link Prediction method by combining three revised methods ■ Defined a filter to delete spurious links before link prediction ■ Programmed, tested, and debugged program	Sept 2012 – Present May 2011 – Sept 2012
PUBLICATION	Zeyao Yang , Damou Fu, et al. <i>Link Prediction Based on Weighted Networks</i> . AsiaSim & ICSC 2012 (Accepted)	
COURSES & PROJECTS	Course Registration System Project Leader ■ Completed requirement analysis ■ Employed ASP to implement several important modules in the Course Registration System, such as submitting grades, adding students, and updating student information Compiler Design and Implementation Project Project Leader ■ Implemented elementary function of the compiler ■ Simplified lexical analysis, syntax analysis, and semantic analysis Parking Management System Project Member ■ Programmed the core of the parking management system using C++ ■ Tested the parking management system by generating random numbers Huffman Decoder Project Member ■ Transformed ASCII into Huffman code ■ Calculated compression ratio	Aug 2012 – Sept 2012 Mar 2012 – Jun 2012 Aug 2011 – Sept 2011 Aug 2011 – Sept 2011

ACADEMIC CONTESTS	JLU Undergraduate Mathematical Contest in Modeling	May 2011
	Team Leader	
	<ul style="list-style-type: none"> ■ Employed Walsh Transformation and Wavelet Transformation to analyze well log ■ Programmed the algorithm using Matlab 	
	Mathematical Contest in Modeling	Feb 2011
	Team leader	
	<ul style="list-style-type: none"> ■ Constructed the Hexagonal Model to simulate coverage of repeaters ■ Calculated the minimum number of repeaters to accommodate a certain amount of simultaneous users 	
	Contemporary Undergraduate Mathematical Contest in Modeling	Oct 2010
	Team leader	
	<ul style="list-style-type: none"> ■ Constructed the equivalence model and multiple integral model to calculate tank capacity of the oil tank ■ Employed the least square method to analyze rule of conversion ■ Programmed the calculation and analysis of data using Matlab 	
AWARDS & HONORS	First Prize , JLU Undergraduate Innovation Experiment Program	May 2011
	The First Prize Scholarship , Jilin University	2010 – 2011
	Outstanding Student Award , College of Computer Science & Technology	2010 – 2011
	The Greatest Rate of Return Prize , Investment Simulation Competition	Nov 2010
	Second Prize , Jilin Provincial Contest in Contemporary Undergraduate Mathematical Contest in Modeling	Oct 2010
	The First Prize Scholarship , Jilin University	2009 – 2010
	Outstanding Student Award , Jilin University	2009 – 2010
EXTRA- CURRICULAR	Vice President , Student Society Union of CCST	Oct 2011 – Sept 2012
	Vice Minister , Students Union of CCST	Sept 2010 – Sept 2011
	Excellent Volunteer , 7 th “Challenge Cup” University Student Business Plan Competition	Sept 2010
	Key Member , Students Union of Jilin University	Sept 2009 – Sept 2010
	Excellent Trainee , China Telecom Corporation	Apr 2010 – June 2010
STANDARD TESTS	GRE : overall score of 320 (Verbal: 153, 57%, Quantitative 167, 96%, Writing 3.5, 30%)	Changchun, Feb 2012
	TOEFL : overall score of 102 (Reading: 30, Listening: 21, Speaking: 22, Writing: 29)	Beijing, Sept 2012
COMPUTER SKILLS	Programming Languages: C/C++, Matlab, SQL, C#, JAVA Operating System: Linux (Ubuntu), Windows	