

Catalina Oana Tudor

103 Smith Hall, Newark, DE 19716, oanat@udel.edu, www.cis.udel.edu/~tudor

Research Interests	Text Mining and Knowledge Discovery in Biology and Biomedicine	
Education	PhD Student in Computer Science University of Delaware, Newark, DE	2006 - Present Advisor: K. Vijay-Shanker
	MS in Computer Science University of Delaware, Newark, DE Grade Point Average: 3.72/4.00	2004 - 2006
	BA in Mathematics University of Delaware, Newark, DE Grade Point Average: 3.78/4.00 Minor: Computer Science	1999 - 2004 Cum Laude
	BA in Foreign Languages and Literature University of Delaware, Newark, DE Grade Point Average: 3.78/4.00 Concentration: Three Foreign Languages (Spanish, French, and Japanese) Studies Abroad: Kobe, Japan (Summer 2000), Granada, Spain (Spring 2001)	1999 - 2004 Cum Laude
Awards and Recognitions	Graduate Teaching Assistant Award recognizes teaching excellence	2008
	Lauri Pfeffer Shinn Memorial Award recognizes women CIS students for contribution to the CIS department and academic success	2008
	Graduate Student Poster Award, third place Avian Genomics Conference, Starksville Mississippi	2008
	Carl J. and Eleanor K. Rees Scholarship recognizes Mathematics students for academic success	2002, 2003
Current Research	Text Mining in Biology developing eGIFT (Extracting Gene Information From Text) for automatically mining key terms relevant to specific genes from the biomedical literature	2007 - present
Publications	Catalina O Tudor , K Vijay-Shanker, and Carl J Schmidt <i>Mining the Biomedical Literature for Genic Information</i> , BioNLP Workshop in conjunction with ACL-2008, pages 28-29, Columbus Ohio, June 2008. Catalina O Tudor , Carl J Schmidt, K Vijay-Shanker <i>Mining for Gene-Related Key Terms: Where Do We Find Them?</i> , Third International Symposium on Semantic Mining in Biomedicine SMBM 2008, Turku Finland, September 2008.	
Teaching Experience	Teaching Assistant (TA Excellence Award) University of Delaware, Newark, DE responsible for conducting lab sessions, grading labs/projects/assignments/exams occasionally lectured in class CISC 474 - Advanced Web Technologies (Dr. P. Conrad) CISC 450 - Computer Networks (J. Scoggin) CISC 370 - Object Oriented Programming / Java (J. Six) CISC 361 - Operating Systems (Dr. M. Swaney) CISC 280 - Programming Languages and Techniques (T. Harvey) CISC 181 - Introduction to C++ (Dr. P. Conrad) CISC 103 - Intro to CompSci with Web Applications (Dr. P. Conrad) CISC 101 - Computer and Information Systems (D. Yarrington)	9/04 - 12/07 Spring 06/07 Fall 06 Spring 06 Spring 07 Fall 04/05 Spring/Fall 05 Fall 06/07 Summer 06/07, Winter 07

Work Experience	Research Assistant 1/08 - Present University of Delaware, Newark, DE working on improving eGIFT (Extracting Gene Information from Text) programming in Perl and Java
	Graduate Assistant 6/07 - 1/08 University of Delaware, Newark, DE designed two interfaces and their databases for managing graduate students and applicants programmed in PHP and MySQL
	Web Developer and Administer 6/02 - 9/05 tudor-art.com, Ramnicu Valcea, Romania gallerya.ro, Ramnicu Valcea, Romania designed the web pages and databases; translated the information in four languages; built a user interface for easy update of the databases, manipulated pictures using Adobe Photoshop programmed in PHP and MySQL
	Computer Site Assistant 9/99 - 3/04 University of Delaware, Department of Mechanical Engineering, Newark, DE responsible for maintaining lab computers and equipment; staff student help desk
	Billboard Designer 6/96 - 7/98 Open 3t Advertising, Ramnicu Valcea, Romania designed billboard advertisements, brochures, pamphlets, and banners, using computer multi-media software; upgraded and maintained company computers, both hardware and software; installed and maintained the Ethernet network
Leadership Activities and Professional Service	President 2007 CIS-GSA (Graduate Student Association)
	TA Representative Fall 06 CIS-GSA (Graduate Student Association)
	Penalist Fall 06 New Graduate Student Seminar CISters
	Event Coordinator 2006 - 2007 CISters
	Interpreter 2000 - 2004 Rotary International, YEP District 2241 - English, French, Spanish, Romanian
	Technical Expertise
Past Research	Relation Extraction Fall 06 developed a relation extraction system and applied it to different corpora
	Text Simplification Fall 05, Spring 06 developed Simp, which applies different types of simplification to sentences my work was on relative clauses and reduced relative clauses
	Text Summarization , class project Spring 04 researched different ways to summarize documents using lexical chains