

Veselin Stoyanov

Tel: (302) 345-6773

email: ves@cs.cornell.edu

website: www.cs.cornell.edu/~ves

RESEARCH INTEREST

Sentiment Analysis, Coreference Resolution, Information Extraction, Natural Language Processing, Machine Learning, Artificial Intelligence, Cognitive Science, Linguistics, Psychology.

EDUCATION

Cornell University 2002-present
Ithaca, NY PhD Candidate, Computer Science
Advisor: Prof. Claire Cardie. Expected graduation: Summer 2009.

Cornell University 2005
Ithaca, NY Master of Science, Computer Science

University of Delaware 2002
Newark, DE Honors B.Sc., with Distinction, Computer Science
Graduated Summa Cum Laude; GPA: 4.00/4.00. Minors in Mathematics and Cognitive Science.

PROFESSIONAL EXPERIENCE

Jodange Inc. Senior Software Developer
Yonkers, NY 06/2007–01/2009
Helped start up the company. Worked on a practical implementation of opinion extraction system.

Nara Institute of Science and Technology Visiting Student
Nara, Japan Summer 2005
Worked under the supervision of Prof. Yuji Matsumoto in the Computational Linguistics Lab.

Quantum Leap Innovations Software Development Intern
Newark, DE Summer 2003
Developed an Information Extraction application using machine learning techniques.

Morgan Stanley IM Application Developer
West Conshohocken, PA 9/2001–8/2002
Part-time developer in the fixed income pricing group. Responsible for the full production cycle of small software projects.

University of Delaware Science and Engineering Scholar
Newark, DE Summer 2000
Performed research in the field of compiler optimization under the supervision of Prof. Lori Pollock.

Morgan Stanley IM IT Intern
West Conshohocken, PA Summer 2001
Developed applications for the use of the fixed income group of Investment Management.

ACADEMIC HONORS

NSF Graduate Research Fellowship 2004-2007

Outstanding Teaching Assistant Award 2003
Awarded by Cornell University's Computer Science Department.

Honorable Mention 2002
Computing Research Association's (CRA) Outstanding Undergraduate Award.

CIS Outstanding Senior Award 2002
Provided by Unisys Corp. and awarded to a U. of Delaware CIS student for outstanding achievements in academic leadership.

Robert J. DiPietro Award	2002
Awarded to a student in Linguistics or Cognitive Science at U. of Delaware for academic excellence and leadership.	
Alumni Honors Day Book Award	2001
Awarded to a sophomore or junior in each of the Univ. of Delaware's six colleges who has a sincere desire for knowledge and has participated in extracurricular activities designed to help fellow students achieve academic success.	
CIS Outstanding Student Award	2001
Provided by Unisys Corp. and awarded to a U. of Delaware CIS student for outstanding achievements in academic leadership.	
CIS Outstanding Sophomore Award	2000
Awarded for exemplary freshman year academic performance. Provided by a Unisys Corp. grant.	
Rodney Sharp Scholarship	2000
Awarded for academic excellence to a University of Delaware student.	
Honors Program Scholarship	2000
Awarded by U. of Delaware's Honors Program for academic excellence and contributions to the development of the program.	

SELECTED PUBLICATIONS

PhD Thesis: Opinion Summarization: Automatically Creating Useful Representations of Opinions Expressed in Text. *Expected Summer 2009.*

Veselin Stoyanov, Claire Cardie, Nathan Gilbert and Ellen Riloff. “**Conundrums in Coreference Resolution: Making Sense of the State of the Art.**” To appear in ACL, 2009.

Veselin Stoyanov and Claire Cardie. “**Topic Identification for Fine-Grained Opinion Analysis.**” COLING, 2008.

Veselin Stoyanov and Claire Cardie. “**Annotating Topics of Opinions.**” LREC, 2008.

Swapna Somasundaran, Theresa Wilson, Janyce Wiebe and *Veselin Stoyanov*. “**QA with Attitude: Exploiting Opinion Type Analysis for Improving Question Answering in On-line Discussions and the News.**” ICWSM, 2007.

Veselin Stoyanov and Claire Cardie. “**Partially Supervised Coreference Resolution for Opinion Summarization through Structured Rule Learning.**” EMNLP, 2006.

Veselin Stoyanov, Claire Cardie and Janyce Wiebe. “**Multi-Perspective Question Answering Using the OpQA Corpus.**” EMNLP-HLT, 2005.

Tom Way, Ben Breech, Wei Du, *Veselin Stoyanov*, and Lori Pollock. “**Using Path-spectra-based Cloning in Region-based Optimization for Instruction-level Parallelism.**” ISCA PDCS, 2001.

PROFESSIONAL SERVICE

Reviewer: CIKM WS on Topic-Sentiment Analysis for Mass Opinion Measurement; ACL-IJCNLP09; Student Research WS at NAACL-HLT09; ACL08; EMNLP07; COLING\ACL06; COLING\ACL06 WS on Sentiment and Subjectivity in Text; EMNLP06; AAI Spring Symp. on Exploring Attitude and Affect in Text: Theories and Applications 2004.

TEACHING EXPERIENCE

GUEST LECTURER

In **CS674: Natural Language Processing**. Lecture on Theories of Syntax.

In **CS472: Foundations of Artificial Intelligence**. Lecture on Machine Learning – SVM's, bagging, and boosting.

TEACHING ASSISTANT AT CORNELL UNIVERSITY

CS474: Intro to Natural Language Processing (Spring 2006); **CS412: Intro to Compilers and Translators** (Spring 2005); **CS430: Information Retrieval** (Fall 2004); **CS412: Intro to Compilers and Translators** (Spring 2003); **CS100M: Introduction to Computer Science** (Fall 2002).

TEACHING ASSISTANT AT THE UNIVERSITY OF DELAWARE

CGSC 270: Introduction to Cognitive Science (Fall 2001); **CISC 101: Introduction to Computer Science** (Winter 2001); **CISC 105: General Computer Science** (Fall 2000).