

Yaroslav Riabinin

26 Blyth St., Richmond Hill,
Ontario, L4E 2Y1, Canada
Home phone: (905) 773-3994
Cell: (647) 995-6060
E-mail: yaroslav@cs.toronto.edu

Education

Fall 2007 – Winter 2009

Master of Science, Computer Science
Area: Computational Linguistics (Artificial Intelligence)
Supervisor: Graeme Hirst

Department of Computer Science,
University of Toronto, Canada.

Fall 2003 – Spring 2007

Honours Bachelor of Science, with Distinction
Cognitive Science and Artificial Intelligence.
University of Toronto, Canada.

Academic Work

Publications

Hirst, Graeme; Riabinin, Yaroslav; and Graham, Jory. "Party Status as a Confound in the Automatic Classification of Political Speech by Ideology". *Proceedings, 10th International Conference on Statistical Analysis of Textual Data / 10es Journées internationales d'Analyse statistique des Données Textuelles (JADT 2010)*, Rome, June 2010, 731–742.

Unpublished Papers and Workshop Presentations

Hirst, Graeme; Riabinin, Yaroslav; Graham, Jory; and Boizot-Roche, Magali. "Text to Ideology or Text to Party Status?" *From Text to Political Positions* workshop, University of Amsterdam, 8–9 April 2010 [presentation by first author].

Riabinin, Yaroslav. "Computational Identification of Ideology in Text: A Study of Canadian Parliamentary Debates". *Unpublished M.Sc. thesis*. Department of Computer Science, University of Toronto, January 2009.

Graduate Courses

CSC2125 – Topics in Software Engineering
CSC2426 – Fundamentals of Cryptography
CSC2511 – Natural Language Computing
CSC2514 – Human-Computer Interaction
CSC2519 – Natural Language Semantics

Undergraduate

CSC494 – Research Project in Computer Science

Department: Computer Science

Area: Computational Linguistics

Supervisors: Graeme Hirst and Saif Mohammad

Topic: Document clustering using distributional measures of word-concept distance

Duration: November 2006 – May 2007

Work Experience

July 2009 – August 2009

Researcher / Software Developer in the area of Dialogue Management and Generation

North Side Inc.,
Montreal, Canada

My duties included:

- Working with the *Dialogue Manager and Generator* component of the Bot Colony™ video game
- Updating the *Dialogue Manager* in accordance with changes made to other components of the game
- Adding new functionality to the *Dialogue Manager* – specifically, introducing the scoring of conversational acts between the user and the game

(all work was done in Eclipse, using the Java programming language)

May 2001 – January 2006 (part-time)

Software Developer and Production Manager

Eglum Software, a division of DEST GROUP Ltd.
Toronto, Ontario, Canada.

My duties included:

- Interface design
- Usability analysis

- Code documentation
- Preparation of user manuals and tutorials
- Software testing
- Preparation of promotional texts for the website

Teaching Experience

January 2009 – April 2009

Course Instructor,
APS101 - Computer Programming
Department of Mechanical and Industrial Engineering,
University of Toronto

I was responsible for all aspects of delivering the course, including:

- planning the lectures, tutorials, labs, assignments and tests, and marking schemes
- maintaining a course website
- delivering the lectures
- providing appropriate contact time outside of class to students, through office hours, email, the course website and the course bulletin board
- writing the Teaching Assistant (TA) contracts for the course and supervising 4 TAs
- managing the grading for the course, which was largely done by TAs
- doing any grading not handled by TAs
- invigilating the final exam
- managing the grades and submitting final course grades

(all work was done using the Java programming language)

January 2008 – April 2008

Teaching Assistant,
CSC148 - Introduction to Computer Science
Department of Computer Science,
University of Toronto

My duties included:

- Preparing answers for, and supervising, 2-hour lab sessions throughout the semester
- Marking programming assignments, as well as the written Midterm

(all work was done using the Python programming language)

September 2007 – December 2007

**Teaching Assistant,
CSC108 - Introduction to Computer Programming**
Department of Computer Science,
University of Toronto

My duties included:

- Supervising weekly 2-hour lab sessions
- Marking programming assignments, as well as the written Midterm and Final Exam

(all work was done using the Python programming language)

University Involvement

Cognitive Science Community

Head of Promotion (September 2006 – April 2007)

The Cognitive Science and Artificial Intelligence Students' Association

- Worked closely with the faculty to promote the Cognitive Science program on and off campus
- Collaborated with other departments and student groups
- Produced and distributed promotional material (posters, flyers, etc.)
- Organized and promoted social events, such as Movie Nights
- Spoke in front of first-year undergraduate classes in order to raise awareness of the Cognitive Science program
- Held weekly office hours for students to come in and ask questions

Varsity Tennis Team

Assistant Coach (2006-2009)

Varsity Blues Tennis at the University of Toronto

- Coached the Women's Team to 2 Gold Medals ('06-'07, '07-'08)
- Coached the Men's Team to 1 Gold Medal ('08-'09)

Member of the Men's Team (2005-2006)

Varsity Blues Tennis at the University of Toronto

- The Men's Team placed 4th in Ontario

General Community

UC Day Leader (September 2006)

University College Orientation for First-Year Students

- Led a group of first-year students around the University of Toronto campus and answered any questions they had about the school.

Computer Skills

Languages

Java, Python, HTML, Prolog

Environments

Linux/Unix, Windows

Other Software

CorelDRAW, Corel Photo-Paint, Adobe Photoshop, Adobe Acrobat, Microsoft Office (Word, Excel, Access, Outlook, PowerPoint), CLUTO (text clustering software), SVM-Light (Support Vector Machines classification software), LaTeX/TeX, Eclipse.

Languages Spoken

- English (fluent)
- Russian (fluent)
- French (semi-fluent)
- Spanish (limited)
- German (limited)

Awards and Certifications

- OUA (Ontario University Athletics), Academic Achievement Award, 2007-2008, Tennis.
- Tennis Instructor
- National Lifeguard – Pool
- Standard First Aid with CPR Level “C”

Community Involvement

- Designed a website for the York Region Food Network (a Toronto-based, non-profit organization)
- Maintained and updated this website for over 4 years (2000-2004)

- Participated in Food Drives around Toronto, working with other volunteers to end hunger in our city
- Received two Appreciation Awards from the YRFN for my Community Involvement
- Gave a radio interview to the CBC in September 2004, regarding the Beslan hostage crisis in Russia. I acted as an ambassador of Toronto's Russian community and conveyed the public sentiment towards this tragedy. This was possible due to my affiliation with RussianToronto.com, a website for the Russian community in Toronto, to which I contribute as a Writer and Translator.

References

Available upon request.