

Name: Elena

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Education:

From Semester 2, 2004 – approx. February, 2008 -- PhD student, Center for Language Technology, Department of Computing, Macquarie University, Sydney, Australia;

I use statistical methods, Machine learning, coding mostly in Java in Eclipse environment using GATE and WEKA libraries. Often use WordNet and its API for different tasks.

Refer to www.ics.mq.edu.au/~elena for further details.

1996-2002 double degree Philological Faculty and Faculty of Mathematics and Mechanics, Saint-Petersburg State University, Russia

2000-2002 Faculty of Mathematics and Mechanics, Computer Science, Saint-Petersburg State University, Russia (a second degree course one may start when in the last year of the other degree; usually with the prerequisite of computer science courses in your first degree)

Major – programming: C++, Java

1996-2001 Philological Faculty, Applied Linguistics, Saint-Petersburg State University, Russia

Major in Natural Language Processing (search engines, machine translation systems)

First foreign language: English, State Exam, 2000, passed; IELTS (13th of December, 2003, 6.5 more than 6.0 in each band)

Second foreign language: German, State Exam, 2001, passed.

Language Skills:

English, good level, IELTS (13.12.2003; 6.5);

German, Spanish (can work with written text, but not as an interpreter);

Russian - native.

Awards:

2006, Sydney, Australia – Google Anita Borg Scholarship finalist

2004, iMURS scholarship -- a scholarship to study at Macquarie University, Sydney, Australia

Teaching Experience:

Semester 2, 2007

- COMP225 Algorithms and Data Structures
- COMP344 E-commerce Technology

Semester 1, 2007

- COMP229 Object-Oriented Programming Practices (Java)

Semester 1, 2005 – Semester 2, 2006

- COMP125 Introduction to Computer Science (C++)
- COMP225 Fundamentals of Computer Science Introduction to Information Systems (C++ Advanced)

Work Experience:

03.2004 – 08.2004 – in-car navigation systems, intern, Java pr. lang., BOSCH, Stuttgart, Germany;

My task was to build the language independent response generation block for the particular navigation system that was under development in BOSCH; “language independent” is in the sense that all the grammatical knowledge about the particular language is stored and edited outside the main code of the program.

01.2002 – 02.2004 – machine translation, programmer, C++, PROMT, Saint-Petersburg, Russia. (www.promt.ru)

English (source language) to Russian/German/Spanish; Syntax; I was responsible for the further development of the syntactic parser of the machine translation system for English – X pairs for PROMT’s transfer-based machine translation system.

Semester 2, 2001 – diploma project “Extraction of Protein Names and their Combinations from Biological Text Corpora”, Star Spb., Saint-Petersburg, Russia. The task was to develop an algorithm to discover protein name Noun Phrases in a large domain specific text corpus (English language corpus). The algorithm was based on syntactic and semantic properties of the texts in the medical domain.

References: Available upon request.