

# Curriculum vitæ

Vladislav Maraev

## Personal information

Date of birth 19.12.1986  
Citizenship Russia  
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## Education

### Higher education

09.2017–Present **PhD in Computational Linguistics**  
Centre for Linguistic Theory and Studies in Probability  
(CLASP), University of Gothenburg, Sweden  
*working title: Laughter-Infused Dialogue Systems*

2014–2017 **MA in Cognitive Science** 19/20 (thesis)  
University of Lisbon, Portugal 17/20 (total)  
*Modelling Semantic Relations with Distributional Semantics and  
Deep Learning: Question Answering, Entailment Recognition,  
and Paraphrase Detection*  
supervisor: António Branco, co-supervisor: Carlos Lourenço

2004–2009 **Diploma in Computer Networks** 5/5 (thesis)  
State University of Telecommunications, St. Petersburg, Russia 4.2/5 (curric.)  
*Analysis of Carrier-Grade Ethernet Quality of Service Parameters*  
supervisor: Gennady Yanovsky, co-supervisor: Martin Klimo  
(University of Zilina, Slovakia)

### Summer schools

August 2016 **ESLLI-2016**, Bolzano, Italy  
July 2016 **Lisbon Machine Learning School (LXMLS-2016)**, IST, Lisbon, Portugal  
August 2015 **Summer neurolinguistic school**, Higher School of Economics, Moscow, Russia  
June 2015 **New York-St. Petersburg Institute of Linguistics, Cognition and Culture**  
St. Petersburg, Russia (received travel grant)

### Exchange programs

Spring 2009 **University of Zilina** (Slovakia)  
Student exchange for writing the thesis (EU TEMPUS Program)

## Courses and certificates

Tieto	IBM Tivoli Network Manager 3.8 Workshop IBM Tivoli Netcool/OMNIBus 7.2 operation & maintenance
University of Zilina	CCNA Exploration: Network Fundamentals CCNA Exploration: Routing Protocols and Concepts
Coursera	Natural Language Processing (by Stanford University)

## Employment

09.2017–Present	<b>PhD Student</b> Centre for Linguistic Theory and Studies in Probability (CLASP), University of Gothenburg, Sweden
05.2016–08.2017	<b>Visiting researcher</b> <i>Laboratoire de Linguistique Formelle (LLF)</i> , University Paris 7 Diderot
09.2016–05.2017	<b>Research assistant</b> <i>NLX-Group</i> (Faculty of Sciences, University of Lisbon, Portugal) Scholarship under the QTLeap and ASSET projects Question answering, paraphrase detection, (deep) machine learning, distributional semantics
2012–2016	<b>Project manager / System analyst / Developer</b> <i>LLC Speech Technology Center</i> (St. Petersburg, Russia) Research and development of speech interfaces: <ul style="list-style-type: none"><li>– System analytics and development of framework for creating multi-channel conversational agents</li><li>– Design and project management of self-service voice applications for major Russian telco</li><li>– Development and integration of self-service systems for banks, telco, government, etc.</li><li>– Design and development of voice biometrics applications</li></ul>
2011–2012	<b>Engineer / Developer</b> <i>Tieto Oyj</i> (St. Petersburg, Russia) Design and development of self-service voice applications
2009–2011	<b>System Analyst</b> <i>LLC RTC Argus</i> (St. Petersburg, Russia) System analytics for OSS/BSS solutions
2007–2009	<b>Engineer / Developer</b> <i>CJSC PeterStar</i> (St. Petersburg, Russia) Integration and development of: MVaaS, IVR, Video conference as a service platform

## Teaching

- 2011–2012 **State University of Telecommunications**, St. Petersburg, Russia
- “Information Systems for Research” (Instructor, 36 hours)
  - “Standardization Issues in ICT” (Co-Instructor, 18 hours )
  - 1-day Tutorial “Call Centers: Planning, Evaluation and Optimization”
  - 1-day Tutorial “Introduction to IPv6 and Strategies of IPv6 Transition”

## Skills

**Languages** Russian (native), English (proficient), Portuguese (elementary)

**Technical skills** Python, Java, Clojure, Prolog, Ruby-on-Rails, VoiceXML, TCP/IP, Linux, L<sup>A</sup>T<sub>E</sub>X

## Talks

### Posters

- Vladislav Maraev, *Question Answering Based on Distributional Semantics*, Poster session presented at: PROPOR-2016 Student Research Workshop, July 13–15, Tomar, Portugal.

### Conference talks

- *NLX-Group at Russian Paraphrase Detection Task*: Character-level Convolutional Neural Network for Sentence Paraphrase Detection, AINL FRUCT 2016 Workshop on Russian Paraphrase Detection, Nov 10–12, St Petersburg, Russia
- *Speech-only interfaces: issues and prospects*, AINL 2014 Industry section, Sept 12–13, Moscow, Russia

## Publications

### Journal papers and conferences submissions

- Vladislav Maraev, Chakaveh Saedi, João Rodrigues, Antonio Branco and João Silva: *Character-level Convolutional Neural Network for Paraphrase Detection and other Experiments* (2017, To appear in special issue of Lecture Notes in Computer Science).
- João Rodrigues, Chakaveh Saedi, Vladislav Maraev, João Silva, António Branco: *Ways of asking and replying in duplicate question detection* (2017, accepted at \*SEM)
- Octavia Efraim, Vladislav Maraev and João Rodrigues: *Boosting a rule-based chatbot using statistics and user satisfaction ratings* (2017, submitted)
- Chakaveh Saedi, João Rodrigues, João Silva, António Branco and Vladislav Maraev: *Learning profiles in duplicate question detection* (2017, accepted at IEEE IRI 2017)

### Journal Papers (in Russian)

- Vladislav Maraev, *Methods of Overcoming the IPv4 exhaustion*, Communications bulletin, 10-2014

- Vladislav Maraev and Vladimir Kharitonov, *Strategies of IPv6 Transition in context of IPv4 exhaustion*, Mobile Telecommunications, 09-2014
- Vladislav Maraev, *Analysis of Methods of Backward-Recursive PCE-Based Computation in GM-PLS Networks*, State University of Telecommunications student conference materials, 05-2011
- Vladislav Maraev and Anton Zarubin, *Video Conferencing as a Carrier-Grade Service*, CONNECT! World of Telecommunications, 09-2009
- Vladislav Maraev and Anton Zarubin, *From Call-Center to Video-Call-Center*, CONNECT! World of Telecommunications, 04-2009

## Reviewing

- Member of Programming Committee for Conference on Artificial Intelligence and Natural Language (AINL) 2017.

## References

- **Antonio Branco**, Associate Professor with Habilitation, Department of Informatics, Faculty of Sciences, University of Lisbon
- **Carlos Lourenço**, Assistant Professor, Department of Informatics, Faculty of Sciences, University of Lisbon
- **Helder Coelho**, retired Full Professor, Department of Informatics, Faculty of Sciences, University of Lisbon