

Education

PhD student in Computer Science, Instituto Superior Técnico Computer Science and Engineering Department; supervisor: Professor André F. T. Martins Collaborative project MAIA (Multilingual AI Agent Assistants) in the Carnegie Mellon Portugal Program partnership involving Instituto de Telecomunicações, INESC-ID, Carnegie Mellon University and Unbabel. <i>Research interests: uncertainty estimation, interpretability and robustness of machine translation evaluation</i>	Lisbon, Portugal 2020 – present
MSc in Data Science, HSE University Computer Science Department; supervisor: Professor Ekaterina Artemova	Moscow, Russia 2018 – 2020
BSc in Applied Mathematics and Computer Science, HSE University Computer Science Department; supervisor: Professor Ekaterina Artemova	Moscow, Russia 2014 – 2018

Experience

Carnegie Mellon University Research Internship • Robust and interpretable machine translation evaluation.	Pittsburgh, USA Jun 2022 – Aug 2022
Instituto Superior Técnico PhD Researcher • Uncertainty estimation for machine translation evaluation.	Lisbon, Portugal Sep 2020 – present
HSE University Research Internship (Part-time) • Question-answering for Russian language.	Moscow, Russia Oct 2019 – Aug 2020
Unbabel Applied AI Research Summer Internship • Language model-based data filtering and selection for machine translation.	Lisbon, Portugal Jul 2019 – Oct 2019
Digital Decisions Data Scientist • Hierarchical classification and routing of the customers messages. • Named entity recognition for a speech assistant.	Moscow, Russia Feb 2019 – Mar 2020
Diginetica Junior Data Scientist/Engineer • Spell checker tool for search queries aimed to suggest synonymous corrections for misspelled words. • Snippets from product reviews: extraction of ultra-concise summaries of opinions over products.	Moscow, Russia Jun 2017 – Dec 2017
Yandex Python Software Engineering Internship • Analysis of the personalities in the flow of search queries. • Marking and classification of multiple object definitions, ranking them in order of relevance for users.	Moscow, Russia Summer 2015

Selected Publications

BLEU Meets COMET: Combining Lexical and Neural Metrics Towards Robust Machine Translation Evaluation Taisiya Glushkova , Chrysoula Zerva, André F. T. Martins EAMT 2023	[ACL Anthology , poster]
Disentangling Uncertainty in Machine Translation Evaluation Chrysoula Zerva, Taisiya Glushkova , Ricardo Rei, André F. T. Martins EMNLP 2022	[ACL Anthology , poster]
COMET-22: Unbabel-IST 2022 Submission for the Metrics Shared Task Ricardo Rei, José G. C. de Souza, Duarte Alves, Chrysoula Zerva, Ana C. Farinha, Taisiya Glushkova , Alon Lavie, Luisa Coheur, André F. T. Martins EMNLP WMT 2022	[ACL Anthology , poster]

CometKiwi: IST-Unbabel 2022 Submission for the Quality Estimation Shared Task

[[ACL Anthology](#)]

Ricardo Rei, Marcos Treviso, Nuno M. Guerreiro, Chrysoula Zerva, Ana C. Farinha, Christine Maroti, José G. C. de Souza, **Taisiya Glushkova**, Alon Lavie, Luisa Coheur, André F. T. Martins
EMNLP WMT 2022

Uncertainty-Aware Machine Translation Evaluation

[[ACL Anthology](#), [slides](#)]

Taisiya Glushkova, Chrysoula Zerva, Ricardo Rei, André F. T. Martins
Presented at the *Sixth Conference on Machine Translation (WMT21) at EMNLP 2021*
EMNLP Findings 2021

IST-Unbabel 2021 Submission for the Quality Estimation Shared Task

[[ACL Anthology](#)]

Chrysoula Zerva, Daan van Stigt, Ricardo Rei, Ana C. Farinha, Pedro G. Ramos, José G. C. de Souza, **Taisiya Glushkova**, Miguel Vera, Fabio Kepler, André F. T. Martins
EMNLP WMT 2021

Are References Really Needed? Unbabel-IST 2021 Submission for the Metrics Shared Task

[[ACL Anthology](#)]

Ricardo Rei, Ana C. Farinha, Chrysoula Zerva, Daan van Stigt, Craig Stewart, Pedro G. Ramos, **Taisiya Glushkova**, André F. T. Martins, Alon Lavie
EMNLP WMT 2021

Char-RNN and Active Learning for Hashtag Segmentation

[[arXiv](#)]

Taisiya Glushkova, Ekaterina Artemova
CICLing 2019, published in Springer LNCS

Skills

Programming languages:	Python , R, C++, HTML, CSS, \LaTeX
Tools:	Jupyter Notebook, Google Colab, git, bash
Main libraries:	numpy, pandas, matplotlib, scipy, scikit-learn, keras, pytorch, transformers
Languages:	English(Advanced), Russian(Native), German(A2), Portuguese(A1)

Teaching

Instituto Superior Técnico

Teaching Assistant for Deep Learning course

Lisbon, Portugal
Nov 2021 – Feb 2022

HSE University

Teaching Assistant for NLP course
Teaching Assistant for Python course

Moscow, Russia
Sep 2018 – Dec 2019
Sep 2016 – Sep 2018

University Projects

Graduation Thesis (MSc) , DaNetQA: a dataset for binary question answering in Russian	2019 – 2020
Coursework , Detecting Uncertain Information in Natural Language Texts	2018 – 2019
Graduation Thesis (BSc) , Character Level Models for Hashtag Segmentation	2017 – 2018
Coursework , Collecting Dictionaries for Sentiment Analysis of Reviews	2016 – 2017
Coursework , Extracting Timestamps from News in English Language	2015 – 2016
Real Time Tracker , Desktop App for managing tasks and projects in real time (analogue of Trello)	2015 – 2016

Extracurricular Activities

Participated in LxMLS (8th Lisbon Machine Learning School)	Summer 2018
Freshmen student advisor: helped students to choose courseloads and adjust to university life	2015 – 2017
Organized university-wide events such as the Annual Open House	2015