Peter Makarov

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Interests
natural language processing, speech synthesis, machine learning, computational social science

Latest Employments

Software Engineer at Gemini/Bard (prev. Assistant NLU), Google, Zurich	Mar 2022-present
Applied Scientist at TTS Research, Amazon Alexa AI, UK	Sep 2020-Mar 2022
Computational Linguist PhD Intern, Google, Zurich	Oct 2019-Jan 2020
NLP/ML Software Engineer at Legartis, Zurich	Mar 2018-Jul 2020
Graduate Research Assistant, Zurich University	Jul 2014-Apr 2020

Education
Ph.D., 2021, computational linguistics (summa cum laude), Zurich University
M.A., 2013, computational linguistics, Tübingen University
Diploma, 2007, theoretical and applied linguistics, Moscow State Linguistics University

Selected Refereed Conference Papers
Simple and Effective Multi-sentence TTS with Expressive and Coherent Prosody.
Peter Makarov, Syed Ammar Abbas, Mateusz Łajszczak, Arnaud Joly, Sri Karlapati, Alexis Moinet, Thomas Drugman and Penny Karanasou. In *Interspeech 2022*.

Semi-supervised Contextual Historical Text Normalization.
Peter Makarov and Simon Clematide. In *ACL 2020*.

Imitation Learning for Neural Morphological String Transduction.
Peter Makarov and Simon Clematide. In *EMNLP 2018*.

Neural Transition-based String Transduction for Limited-Resource Setting in Morphology.
Peter Makarov and Simon Clematide. In *COLING 2018*. Long conference paper. **Honorable mention**.

For further publications, please see my Google Scholar profile.

Academic Service
Reviewer at ACL, EMNLP, Interspeech, NAACL-HLT, EACL; ARR action editor
Co-organizer of SIGMORPHON 2021 Grapheme-to-Phoneme Conversion Shared Task

Selected Achievements
Honorable mention at COLING 2018
Best shared task systems at SIGMORPHON 2017 and 2018 (morphological inflection generation)
Best shared task system at TAC 2017 (event nugget detection)