



# EVGENIIA RAZUMOVSKAIA

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[evgeniiraz.github.io](https://evgeniiraz.github.io)

## TECHNICAL SKILLS

### PROGRAMMING LANGUAGES

Python, Matlab, Latex, Bash,  
Java, Haskell, Prolog, R

### TOOLS AND SOFTWARE

#### Machine Learning

Pytorch, Tensorflow, Keras,  
Scikit-Learn, Numpy, Pandas,  
Matplotlib, Seaborn, Chainer,  
openCV

#### Natural Language Processing

HuggingFace Transformers,  
NLTK, Gensim, MaltParser

#### Speech Processing

Librosa, Kaldi, Festival, HTK,  
Praat, Wavesurfer

## FOREIGN LANGUAGES

Russian (native), English,  
German, Italian, Latin, Ancient  
Greek, French, Hebrew

## EDUCATION

2020 - current

### PhD in Computation, Cognition and Language

*Language Technology Lab, University of Cambridge, UK*

Topic: Multilingual dialogue systems in low data  
regimes

Supervisors: Prof. A. Korhonen, Dr. I. Vulić

2018 - 2019

### MSc in Language Technologies, Computer Science

*Carnegie Mellon University, PA*

GPA: 3.98

Topic: Hybrid dialogue systems combining end-to-end  
systems with rules

Supervisor: Prof. M. Eskenazi

2014 - 2018

### BSc (Hons) Cognitive Science (Informatics)

*University of Edinburgh, UK*

First degree (GPA: 4.0)

Topic: Emotion recognition from speech

Supervisor: Prof. S. King

## EXPERIENCE

May - Sep 2022

### Research Intern

*Google, London; Language Generation Team*

Project: Few-shot multilingual language generation

Jan - Oct 2020

### Machine Learning Research Intern

*Rasa Technologies, Germany*

Research for a new feature: end-to-end training for  
dialogue systems;

Development and deployment of production-level code  
for the feature

2018 - 2019

### Graduate Research Assistant

*Dialog Research Center, Carnegie Mellon University*

Projects: End-to-end dialog systems; hybrid systems;  
crowdsourcing evaluation

- Jun – Aug 2017**    **Summer Research Expedition Intern**  
*Center for Language and Speech Processing, Johns Hopkins University*  
Project: Text classification based on keywords and topics extracted from the Wikipedia using deep learning algorithms.  
Supervisor: Prof. B. van Durme.
- Jan – May 2016**    **Student Research Assistant**  
*Institute for Language, Cognition and Computation, University of Edinburgh*  
Project: Analysis of usage of Scottish words on Twitter during the Independence referendum.  
Supervisor: Prof. S. Goldwater.
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## PUBLICATIONS

- 2022**    Majewska, O.\*, **Razumovskaia, E.\***, Ponti, E. M., Vulić, I. and Korhonen, A. Cross-Lingual Dialogue Dataset Creation via Outline-Based Generation. arXiv preprint arXiv:2201.13405 (2022), under review.
- 2022**    **Razumovskaia, E.**, Vulić, I., and Korhonen, A. Data Augmentation and Learned Layer Aggregation for Improved Multilingual Language Understanding in Dialogue. Findings of the Association for Computational Linguistics 2022, 2017–2033.
- 2022**    **Razumovskaia, E.**, Glavaš, G., Majewska, O., Ponti, E. M. and Vulić, I. Natural Language Processing for Multilingual Task-Oriented Dialogue. Proceedings of the 60th Annual Meeting of the Association for Computational Linguistics: Tutorial Abstracts, 44–50.
- 2022**    **Razumovskaia, E.**, Glavaš, G., Majewska, O., Ponti, E. M., Korhonen, A., and Vulić, I. Crossing the Conversational Chasm: A Primer on Multilingual Task-Oriented Dialogue Systems. Journal of Artificial Intelligence Research 74 (2022), 1351-1402
- 2019**    **Razumovskaia, E.** and Eskenazi, M. Incorporating rules into end-to-end dialog systems. Conversational AI 3 workshop at NeurIPS: “Today's Practice and Tomorrow's Potential”.
- 2019**    Mehri, S.\*, **Razumovskaia, E.\***, Zhao, T. and Eskenazi, M. Pretraining Methods for Dialog Context Representation Learning. Proceedings of the 57th Annual Meeting of the Association for Computational Linguistics (ACL), 3836 - 3846.
- 2019**    Eskenazi, M., Mehri, S., **Razumovskaia, E.**, and Zhao, T. Beyond Turing: Intelligent Agents Centered on the User. arXiv preprint arXiv:1901.06613
- 2016**    Yagunova, E., Pozdniakov, S., Ryzhova, N., **Razumovskaia E.**, & Korovkin, N. Evaluation of Difficulty and Complexity of Tasks: Case Study of International On-line Competition "Beaver". International journal of engineering education. 32(3), 1141-1150.
- 2015**    Yagunova, E., Pozdniakov, S., Ryzhova, N., **Razumovskaia E.**, & Korovkin, N. Tasks Classification and Age Differences in Task Perception. Case Study of International On-line Competition “Beaver”. The Proceedings of International Conference on Informatics in Schools: Situation, Evolution and Perspectives — ISSEP 2015. University of Ljubljana. Matevž Jekovec (Ed.), 33-43
- 2015**    Yagunova, E., Pozdnyakov, S., Ryzhova, N., **Razumovskaia E.**, & Korovkin, N. Analyses of difficulty and complexity of items in international on-line competition “Beaver”. IFIP TC3 Working Conference “A New Culture of Learning: Computing and next Generations”. Preliminary Proceedings. Vilnius University, Lithuania. Andrej Brodnik, Cathy Lewin (Eds), 242-254.

## TEACHING

### Supervisor / Tutor

- 2021/2022** **Supervisor for Computational Linguistics**, *University of Cambridge*
- Fall 2019** **Teaching Assistant** for **Deep Reinforcement Learning**, *Carnegie Mellon University*
- 2017/2018** **Tutor and Lab Demonstrator** for **Introductory Applied Machine Learning** (Master's level course), *University of Edinburgh*
- Tutor** for **Formal and Natural Language Processing**, *University of Edinburgh*
- 2016/2017** **Tutor for Reasoning and Agents**, *University of Edinburgh*

### Tutorials

- 2022** **Natural Language Processing for Multilingual Task-Oriented Dialogue**, *Tutorial at ACL 2022.*
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## AWARDS

- 2022** **Perry Travel Award** to attend ACL 2022, *Queens' College, University of Cambridge*
- 2018** **Class Prize for Top Performance in BSc (Hons) Cognitive Science**, *University of Edinburgh*
- 2017** **Edinburgh award**, *University of Edinburgh*  
In recognition of achievement of a significant programme of personal, working and educational activities
- 2013** **Laureate in World Competition in Ancient Greek at Viterbo**
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## SUMMER SCHOOLS

- 2020** **Machine Learning Summer School - Tübingen, Germany**  
[Online]
- 2019** **Second Conversational Intelligence Summer School (CISS2)**  
Covering most recent tendencies in dialog systems research; working on the project on Knowledge graph based dialog system  
[Lowell, MA, USA]
- 2017** **The Cornell, Maryland, Max Planck Pre-doctoral Research School**  
Covering Machine Learning and Distributed Systems  
[Saarbruecken, Germany]
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## VOLUNTEERING & SERVICE

- 2022 - current** **PhD Student Representative**  
*Centre for Human-Inspired Artificial Intelligence, University of Cambridge*
- 2019** **Student Volunteer**  
*Annual Conference of the North American Chapter of the Association for Computational Linguistics (NAACL)*
- 2019** **Participant of graduate student roundtable and organizer of poster session**  
*Workshop for Undergraduate Women in Computer Science (OurCS)*
- Reviewer:** EMNLP 2021, 4<sup>th</sup> ConvAI Workshop@ACL-2022, EMNLP 2022