

ILIA KULIKOV

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EDUCATION

- | | |
|---|---------------------|
| New York University
Ph.D. in Computer Science
- Advisors: Jason Weston, Kyunghyun Cho | Sep 2017 – present |
| RWTH Aachen University
M.Sc. in Software Systems Engineering
- Thesis: Sequence Training with LSTM Networks
- Advisors: Prof. Hermann Ney, Prof. Bastian Leibe,
Dipl. Albert Zeyer
- <i>Graduated with excellence</i> | Oct 2014 – Sep 2016 |
| Ural Federal University
B. Eng. in Informatics and Computer Engineering
- <i>Graduated with distinction</i> | Sep 2009 – Jun 2013 |

RESEARCH EXPERIENCE

- | | |
|---|---------------------|
| New York University
Research Assistant at CILVR group | Sep 2017 – present |
| VisionLabs
Research internship at Face Recognition group
- Topics: Deep Neural Network compression
Advisor: Alexander Chigorin | Apr 2017 – May 2017 |
| RWTH Aachen University
Research Assistant at HLT group
- Topics: Automatic Speech Recognition, Generative Models,
Convolutional Neural Networks | Oct 2016 – Mar 2017 |
| RWTH Aachen University
Student Assistant at HLT group
- Topics: Automatic Speech Recognition, Deep Learning,
Recurrent Neural Networks | May 2015 – Sep 2016 |

PUBLICATIONS

- | | |
|---|----------|
| Vehicle Communication Strategies for Simulated Highway Driving
Cinjon Resnick, Ilya Kulikov , Kyunghyun Cho, Jason Weston
Accepted for EMCOM Workshop, NIPS 2017 | Nov 2017 |
| Faster Sequence Training
Albert Zeyer, Ilya Kulikov , Ralf Schlueter, Hermann Ney
<i>Proceedings of ICASSP 2017</i> [pdf] | Sep 2016 |

RETURNN: The RWTH Extensible Training framework for Universal Recurrent Neural Networks

Jun 2016

Patrick Doetsch, Albert Zeyer, Paul Voigtlaender, *Ilia Kulikov*,
Ralf Schlüter, Hermann Ney
Proceedings of ICASSP 2017 [pdf]

The RWTH/UPB/FORTH System Combination for the 4th CHiME Challenge Evaluation

Sep 2016

Tobias Menne, Jahn Heymann, Anastasios Alexandridis, Kazuki Irie,
Albert Zeyer, Markus Kitza, Pavel Golik, *Ilia Kulikov*, Lukas Drude,
Ralf Schlüter, Hermann Ney, Reinhold Haeb-Umbach and Athanasios Mouchtaris
Proceedings of the 4th CHiME Challenge [pdf]

SCHOLARSHIPS

DAAD scholarship for graduate education

Oct 2014 – Sep 2016

Scholarship named the President of the Russian Federation

Sep 2012 – Sep 2013

Scholarship named the Russian Government

Sep 2011 – Sep 2012

Scholarship of Academic Council

Sep 2010 – Sep 2011

TEACHING EXPERIENCE

RWTH Aachen University

Oct 2016 – Jan 2017

Teaching Assistant in Speech Recognition Lab course

LANGUAGES

Russian – native

English – advanced, 104 TOEFL

German – elementary

SKILLS

Programming languages: Python, C/C++, some experience with Lua, Julia, MATLAB

Frameworks: TensorFlow, PyTorch, Torch7, Theano (RETURNN)

WORK EXPERIENCE

Ekb-Info, Yekaterinburg

Oct 2011 – Mar 2013

Large-scale Unix system administration,
over 300 virtual machines running Debian, Gentoo

EXTERNAL LINKS

GitHub: <https://github.com/uralik>

Website: <http://ikulikov.name>

Scholar : <https://scholar.google.de/citations?user=fN7fYXIAAAAI&hl=en>