

# MARIYA HENDRIKSEN

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## EDUCATION

<b>University of Amsterdam</b> Informatics Institute, Ph.D. candidate <i>Supervisors:</i> Prof. Dr. Maarten De Rijke, Asst. Prof. Ilya Markov	<i>2019 – present</i>
<b>KU Leuven</b> MSc Artificial Intelligence (with honours) <i>Thesis:</i> Dialogue Breakdown Detection in Chatbots <i>Extracurricular:</i> Google's Get Ahead, Blockchaingers Hackathon 2018 (Data Scientist), Dutch	<i>2017 – 2019</i>
<b>Novosibirsk State University</b> BSc Computational Linguistics (with honours) <i>Extracurricular:</i> French, German, member of cheerleading and swimming teams	<i>2012 – 2016</i>
<b>University of Nantes</b> Exchange programme <i>Topics:</i> Algorithms and Data Structures, Object-oriented Programming, Information Systems	<i>Sep 2014 – Jan 2015</i>

## WORK EXPERIENCE

<b>Bol.com</b> <i>Research Scientist</i> Working on multimodal cross-device search	Mar 2019 – present
<b>KU Leuven, Language Intelligence &amp; Information Retrieval Lab</b> <i>Research Intern</i> Developed a system for dialogue breakdown detection	Sep 2018 (5 months)
<b>ETH Zurich, Biomedical Informatics Lab</b> <i>Research Fellow</i> Created a pipeline for parallel and distributed training of deep mixture of experts for metagenomic DNA classification	Jul 2018 (2 months)
<b>Lionbridge Technologies, Inc</b> <i>Developer</i> Improved an AI writing assistance system for text in Russian language, supervised fellow developers, worked in an international team	Feb 2017 (1.5 year)
<b>Higher School of Economics, Moscow</b> <i>Project Manager</i> Contributed to creation of a Russian language sentiment analysis tool for the university's NLP package	Oct 2016 (6 months)
<b>Institute for Problems of Information Transmission, Moscow</b> <i>Python Programmer</i> Writing scripts for improving accuracy of ETAP-3's machine translation application	Aug 2016 (5 months)
<b>DIOGEN, Akademgorodok</b> <i>Tutor of Discrete Mathematics &amp; Mentor</i> Bringing my love for mathematics to talented children and guiding them throughout the camp sessions	June 2015 (1 month)

## PUBLICATIONS

**Mariya Hendriksen**, Artuur Leeuwenberg, and Marie-Francine Moens (2019, April). LSTM for Dialogue Breakdown Detection: Exploration of Different Model Types and Word Embeddings. In Proceedings of WOCHAT (submitted)

## HONORS & AWARDS

Grant for attending Women in Data Science 2019 conference	April 2019
ETH Zurich Student Summer Research Fellowship (Machine Learning)	Jul – Aug 2018
Oxford Russia Fund Scholarship	Sep 2016 – Mar 2017
Full-tuition University Scholarship, Higher School of Economics	Sep 2016 – Apr 2017
Excellence Scholarship, Novosibirsk State University	Jan 2015 – Jun 2016

SKILLS & INTERESTS

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*Programming languages:* Python, Java, Matlab, R, Prolog, Perl, SQL, noSQL, L<sup>A</sup>T<sub>E</sub>X

*Software, Frameworks & OS:* Git, Tensorflow, Keras, PyTorch, Weka, Praat, Spark, Neo4j, Gephi ◊ Linux, macOS, Windows

*Languages:* Russian (native), English (fluent), French (good), Dutch (basic), German (basic), Ukrainian (basic)

*Miscellaneous:* ashtanga yoga practice since 2011, traveller (lived in 7 countries, visited 26), ANDI Open Water Sport Diver, Diploma in Choreography from the Gubkinsky School of Arts

VOLUNTARY WORK

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<b>Utrecht School of AI</b> Set up a monthly meet-up aimed to inspire and educate developers by learning and teaching them about Artificial Intelligence.	<i>Aug 2018 (5 months)</i>
<b>Artificial Intelligence Advisory Committee</b> Working together with the professors and other enthusiastic students on evaluating the programme curriculum	<i>Sep 2017 (1 year)</i>
<b>ESN HSE Moscow</b> Helping more than 10 international students to adapt to living and studying in Russia	<i>Aug 2016 (1 year)</i>
<b>Let's bike it</b> Organizing bicycles parades with over 30k participants	<i>Aug 2016 (8 months)</i>