

MARIYA HENDRIKSEN

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EDUCATION

University of Amsterdam Informatics Institute, Ph.D. candidate <i>Topic:</i> Machine learning for recommendation systems in e-commerce <i>Advisors:</i> Asst. Prof. Sebastian Schelter, Prof. Dr. Maarten De Rijke	<i>Mar 2019 – 2023 (expected)</i>
Max Planck Institute for Intelligent Systems Machine Learning Summer School 2020	<i>Jun 2020</i>
École Polytechnique Data Science Summer School <i>Electives:</i> Computer Vision, Optimization in Machine Learning, Deep Generative Models	<i>Jun 2019</i>
KU Leuven MSc (with honours) Artificial Intelligence <i>Extracurricular:</i> Google's Get Ahead, Blockchaingers Hackathon'18 (Data Scientist), Dutch courses	<i>2017 – 2019</i>
Novosibirsk State University BSc (with honours) Computational Linguistics <i>Extracurricular:</i> French, German, member of cheerleading and swimming teams	<i>2012 – 2016</i>
University of Nantes Exchange programme <i>Topics:</i> Algorithms and Data Structures, Object-oriented Programming, Information Systems	<i>Sep 2014 – Jan 2015</i>

WORK EXPERIENCE

Bol.com <i>Research Scientist</i> Working on improving recommender systems performance.	Mar 2019 – present
KU Leuven, Language Intelligence & Information Retrieval Lab <i>Research Intern</i> Developed a system for dialogue breakdown detection	Sep 2018 (5 months)
ETH Zurich, Biomedical Informatics Lab <i>Research Fellow</i> Created a pipeline for parallel and distributed training of deep mixture of experts for metagenomic DNA classification	Jul 2018 (3 months)
Lionbridge Technologies, Inc <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)
Higher School of Economics, Moscow <i>Project Manager</i> Contributed to creation of a Russian language sentiment analysis tool for the university's NLP package	Oct 2016 (6 months)
Institute for Problems of Information Transmission, Moscow <i>Python Programmer</i> Writing scripts for improving accuracy of ETAP-3's machine translation application	Aug 2016 (5 months)
DIOGEN, Akademgorodok <i>Tutor of Discrete Mathematics & Mentor</i> Bringing my love for mathematics to talented children and guiding them throughout the camp sessions	Jun 2015 (1 month)

PUBLICATIONS

Mariya Hendriksen, Ernst Kuiper, Pim Nauts, Sebastian Schelter, and Maarten de Rijke. Analyzing and Predicting Purchase Intent in E-commerce: Anonymous vs. Identified Customers. (2020, July). In Proceedings of the 43rd International ACM SIGIR Conference on Research and Development in Information Retrieval

Mariya Hendriksen, Fatemeh Sarvi and Maarten de Rijke (2019, July). High Accuracy Recall Task: AIRLab Entry. In Proceedings of the 42nd International ACM SIGIR Conference on Research and Development in Information Retrieval

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

AWARDS

ETH Zurich Student Summer Research Fellowship (Machine Learning)	Jul – Sep 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
Full-tuition University Scholarship, Novosibirsk State University	Sep 2012 – Jun 2016

TEACHING & SUPERVISION

Teaching:

2020 — Teaching assistant for [Deep Learning course](#), MSc Artificial Intelligence, University of Amsterdam

Student Supervision:

2020 — Kenneth Goei, MSc Artificial Intelligence, University of Amsterdam, MSc thesis.

2020 — Anne Klaver, MSc Data Science, University of Amsterdam, MSc thesis.

2020 — Derek Heek, MSc Data Science, University of Amsterdam, MSc thesis.

COMMUNITY SERVICE

PC member: SIGIR eCommerce 2020

Volunteer: ICML 2020, ICLR 2020, SIGIR 2019

(Sub)reviews: CIKM 2019

SKILLS & MISCELLANEOUS

Programming languages: Python, Java, Matlab, R, Prolog, Perl, SQL, noSQL, \LaTeX

Software, Frameworks & OS: Git, BigQuery, Spark, Tensorflow, Keras, PyTorch, Weka, Praat, Neo4j, Gephi \diamond macOS, Linux, Windows

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

Miscellaneous: ashtanga yoga practice since 2011, traveller (lived in 7 countries, visited 27), ANDI Open Water Sport Diver, Diploma in Choreography from the Gubkinsky School of Arts

VOLUNTARY WORK

Inclusive AI, University of Amsterdam

Sep 2019 – present

Organizing a mentoring community aimed to support underrepresented groups in Artificial Intelligence.

Mentoring minority students pursuing master's degree in Artificial Intelligence.

Artificial Intelligence Advisory Committee, KU Leuven

Sep 2017 (1 year)

Working together with the professors and other enthusiastic students on evaluating the programme curriculum.

ESN HSE Moscow

Aug 2016 (1 year)

Helping more than 10 international students to adapt to living and studying in Russia.

Let's bike it

Aug 2016 (8 months)

Organizing bicycles parades with over 30k participants.