MARIYA HENDRIKSEN

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EDUCATION

University of Amsterdam *Mar 2019 − 2023 (expected)*
Informatics Institute, Ph.D. candidate
Topic: Multimodal machine learning and user behavior understanding for e-commerce
Advisors: Asst. Prof. Sebastian Schelter, Prof. Dr. Maarten De Rijke

Max Planck Institute for Intelligent Systems *Jun 2020*
Machine Learning Summer School

École Polytechnique *Jun 2019*
Data Science Summer School
Electives: Computer Vision, Optimization in Machine Learning, Deep Generative Models

KU Leuven *2017 − 2019*
MSc (with honours) Artificial Intelligence
Extracurricular: Google's Get Ahead, Blockchaingers Hackathon'18 (Data Scientist), Dutch courses

Novosibirsk State University *2012 − 2016*
BSc (with honours) Computational Linguistics
Extracurricular: French, German, member of cheerleading and swimming teams

University of Nantes *Sep 2014 − Jan 2015*
Exchange programme
Topics: Algorithms and Data Structures, Object-oriented Programming, Information Systems

WORK EXPERIENCE

Bol.com Mar 2019 – present
Research Scientist
Working on multimodal cross-device search

KU Leuven, Language Intelligence & Information Retrieval Lab Sep 2018 (5 months)
Research Intern
Developed a system for dialogue breakdown detection

ETH Zurich, Biomedical Informatics Lab Jul 2018 (3 months)
Research Fellow
Created a pipeline for parallel and distributed training of deep mixture of experts for metagenomic
DNA classification

Lionbridge Technologies, Inc Feb 2017 (1.5 year)
Developer
Improved an AI writing assistance system for text in Russian language, supervised fellow developers,
worked in an international team

Higher School of Economics, Moscow Oct 2016 (6 months)
Project Manager
Contributed to creation of a Russian language sentiment analysis tool for the university's NLP package

Institute for Problems of Information Transmission, Moscow Aug 2016 (5 months)
Python Programmer
Writing scripts for improving accuracy of ETAP-3's machine translation application

DIOGEN, Akademgorodok Jun 2015 (1 month)
Tutor of Discrete Mathematics & Mentor
Bringing my love for mathematics to talented children and guiding them throughout the camp sessions

HONORS & AWARDS

Bertelsmann Technology Scholarships 2019-20 Nov 2019

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

PUBLICATIONS

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

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

Volunteer: 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, Tensorflow, Keras, PyTorch, Weka, Praat, Spark, Neo4j, Gephi ◇ Linux, macOS, 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.