

MARIYA HENDRIKSEN

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EDUCATION

KU Leuven

2017 – 2019

MSc Artificial Intelligence (with honours)

Thesis: Dialogue Breakdown Detection in Chatbots

Awards: ETH Zurich Student Summer Research Fellowship

Extracurricular: Google's Get Ahead, Blockchaingers Hackathon 2018 (Data Scientist), Dutch courses

Higher School of Economics

2016 – 2017

MA Computational Linguistics (1st semester)

Awards: Oxford Russia Fund Scholarship ◇ Full-tuition University Scholarship

Novosibirsk State University

2012 – 2016

BSc Computational Linguistics (with honours)

Awards: Excellence Scholarship ◇ Full-tuition University Scholarship

Extracurricular: courses of French and 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

EXPERIENCE

KU Leuven, Language Intelligence & Information Retrieval Lab

Sep 2018 – present

Research Intern

Developing a system for dialogue breakdown detection

ETH Zurich, Biomedical Informatics Lab

Jul 2018 (2 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

June 2015 (1 month)

Tutor of Discrete Mathematics & Mentor

Bringing my love for mathematics to talented children and guiding them throughout the camp sessions

SKILLS & INTERESTS

Programming languages: Python (sklearn, numpy, scipy, pandas, NLTK), R, SQL, noSQL, Java, Prolog, Perl, Matlab, L^AT_EX

Software & Frameworks: Git, Tensorflow, Keras, PyTorch, Weka, Praat, Spark, Neo4j, Gephi

Operating systems: 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 22), ANDI Open Water Sport Diver, Diploma in Choreography from the Gubkinsky School of Arts

VOLUNTARY WORK

Utrecht School of AI*Aug 2018 (Present)*

Set up a monthly meet-up aimed to inspire and educate developers by learning and teaching them about Artificial Intelligence.

Artificial Intelligence Advisory Committee*Sep 2017 (Present)*

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

ESN HSE Moscow*Aug 2016 (7 months)*

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

REFERENCES

Prof. Dr. Marie-Francine Moens (Supervisor)

Full professor at the Department of Computer Science
Head of Language Intelligence & Information Retrieval Lab
Katholieke Universiteit Leuven
Leuven, Belgium
sien.moens@kuleuven.be

Prof. Dr. Mariya Timofeeva (Bachelor studies supervisor)

Full professor at the department of Humanities
Director of the Bachelor's programme "Fundamental & Applied Linguistics"
Novosibirsk State University
Novosibirsk, Russia
timof@math.nsc.ru

Artuur Leeuwenberg (Mentor)

PhD candidate in Natural Language Processing and Machine Learning
Language Intelligence & Information Retrieval Lab
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