

ANNA IASHINA

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Tampere, Finland (Finnish Residence Permit Type A)

WORKING EXPERIENCE

BIOCAD

November, 2018 – August, 2019

Data Scientist

- Developing an optimization algorithm for company's task management system
- Developing metrics and dashboards for in-house BI software
- Creating visualization using `Plot.ly` in `Python`
- Working with relational and graph databases
- Maintaining the data flow using `Apache NiFi`
- Applying network analysis to gain insights about inner-company interactions

Laboratory of Sociology in Education and Science

February, 2016 – January, 2019

Research Intern

- Performing data preprocessing and analysis for research needs
- Developed an automated markdown compiler for research reports
- Regular technical support with `R` and `Python`

EDUCATION

Higher School of Economics, Russia

September, 2018 – *June, 2020*

MSc, Applied Mathematics and Computer Science

GPA (current): 8.6/10

Tampere University, Finland

August, 2019 – December, 2019

Exchange semester

Higher School of Economics, Russia

September, 2014 – June, 2018

BSc, Sociology (with distinction), Minor in Data Science

GPA: 8.6/10

TEACHING ASSISTANCE

Data Science Minor

September, 2016 – November, 2018

Teacher Assistant

- Gave lectures on statistical tests, network analysis, text mining, and Machine Learning
- Prepared programming tests and homework on the online platform stepik.org
- The minor in data science is the most popular minor in the university with 180+ students enrolled

Web Analytics

Autumn, 2016 & Winter, 2018

Coauthor & Teacher Assistant

- Led workshops for 20+ second-year master students
- Workshop topics included user experience, targeting, social media analysis, and Google Analytics

Introduction to Data Science

January – March, 2016

Teacher Assistant

- Led tutorials for 40+ first-year bachelor students
- Tutorials included introduction to `R`, elementary statistics, and data-driven decision-making

TECHNICAL STRENGTHS

Programming Skills	Python, R, Scala, C++, Git, Bash
Data Wrangling	Apache NiFi, Neo4j, SparkSQL, MongoDB
ML & DL packages	keras, tensorflow, sklearn, numpy
Social Network Analysis	networkx, iGraph, Gephi, rSiena

PROJECTS

TAU Vehicle Type Recognition Kaggle Competition (in-class) Autumn, 2019
Keras, Python, Imbalanced dataset

- Image classification competition with 17 classes. Sponsored by Scandit
- Our team got 3rd place out of 42 university teams

Multiple Imputation of missing data for network and behavioral studies May, 2019
RSiena Project

- Contributed to the development of multiple imputation procedure for missing data in networks and behavioral variables

Sherlock Research February, 2017
R, Twitter API

- Applied topic modeling to analyze filthy language in tweets posted during the premier of Sherlock series

INDEPENDENT LEARNING

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| 2019 | · Advanced R programming, JHU, coursera.org |
| 2018 | · Algorithms theory & practice, (in Rus), Computer Science Center, stepik.org |
| 2017 | · Introduction to Agent-Based Modeling, Santa Fe Institute, santafe.edu |
| 2016 | · Networks, Crowds and Markets, Cornell U, edx.com |
| | · Math and Python for Data Analysis (in Rus), MIPT & Yandex, coursera.org |

CONFERENCE PARTICIPATION

“Textual Features of Russian Popular Music” June, 2018
Digital Transformation & Global Societies

- “Best Poster Presentation” award
- Analyzed lyrics complexity, gender-specific topics, and sentiments change in decades of russian pop music

ATTENDED SUMMER SCHOOLS

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| 2017 | · WSTNetWeb Science Summer School |
| 2016 | · Theory and Methods of Longitudinal Social Network Analysis |
| | · Young Scientist Symposium on Applied Data Analysis in Higher School of Economics |
| | · International FRUCT School on Intelligence, Social Media and Web |
| 2015 | · Introduction to Web-programming in Python |

VOLUNTEERING

Artificial Intelligence & Natural Language Processing Conference November, 2016
Saint Petersburg, Russia

- Created the conference website and organized the program outline

International FRUCT conference on Intelligence, Social Media, and Web August, 2016
Saint Petersburg, Russia

- Helped with the organizational questions and the conference program