

ANNA IASHINA

anna.a.iashina@gmail.com ♦ github.com/schatt89 ♦ linkedin.com/anna-iashina

Tampere, Finland (Eligible to work in Finland)

WORKING EXPERIENCE

Tampere University

February – March, 2020

Research Assistant (contract)

- Developed a [web application](#) for comparing networks using JavaScript & Node.js

BIOCAD

November, 2018 – August, 2019

Data Scientist

- Developing an optimization algorithm for company's task management system
- Creating dashboards using `Plot.ly` in Python
- Maintaining databases 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**

TECHNICAL STRENGTHS

Programming Skills

Python, R, Scala, JavaScript, C++, Git, Bash

Data Wrangling

Apache NiFi, Neo4j, SparkSQL, MongoDB

ML & DL packages

keras, tensorflow, sklearn, numpy

Social Network Analysis

networkx, iGraph, Gephi, rSiena

Languages

English (IELTS 7.0), Russian (native)

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

INDEPENDENT LEARNING

- 2019** · Advanced R programming, John Hopkins U, 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

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

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

PROJECTS

TAU Vehicle Type Recognition Kaggle Competition (in-class)

Autumn, 2019

Keras, Python

- Image classification competition with imbalanced dataset (17 classes). Sponsored by [Scandit](http://Scandit.com).
- 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

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

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