

EDUCATION

National Research University Higher School of Economics, St. Petersburg, Russia — B.A.
2014 – 2018

Major: Sociology, Minor: Data Science

National Research University Higher School of Economics, St. Petersburg, Russia — *M.Sc. in Information Systems and Human-Computer Interaction*
2018 – present

WORK EXPERIENCE

Data Science Minor, St. Petersburg, Russia — *Teaching Assistant, Instructor (since 2018), 9/2016 –*

I am teaching an introductory course on Data Science for 180 undergraduates. The course covers data aggregation and visualization in R, SNA, text mining and recommender systems. As a Teaching Assistant there my responsibilities included preparation of learning materials, tutorials and design of exercises on the online educational platform Stepik.org and coordination of the work of the amazing team of TAs.

Machine Learning and Social Computing Research Group at HSE, St. Petersburg, Russia — *Junior Member, 1/2017 –*

I participated in the Learning analytics project, where we analyzed students' activity data in the virtual learning environment to understand their academic performance. Additionally, I applied social network analysis as well as text mining techniques to reveal the evolution of friendship and code-sharing networks. Performing an administrative role, I organized regular research seminars and was responsible for budget allocation.

Sociology of Education and Sciences, St. Petersburg, Russia — *Research Assistant, 3/2018 –*

I studied the structure of academic motivation and its dynamic in a complex blended learning setting. I organized the web-based surveys and was responsible for analyzing and reporting the data.

Women Data Leaders in Russia project, supported by the ACM KDD Impact Program in 2018. The aim is to increase gender diversity and women's participation in the Russian Data Science community. I coordinate the work of volunteers, collect interviews, organize public lectures at HSE and work on a student-organized online course on DS.

AWARDS

- Silver Nestling Award in the University Competition "Golden HSE Awards" 2018
- St.Petersburg Government Scientific Scholarship for Students 2017
- user!2017 diversity scholarship for conference participation 2017
- DELL-EMC Award for Gifted Mathematics Students 2016

SKILLS

R, Data Analysis, Social Network Analysis, Gephi, Tableau, Text Mining,

PUBLICATIONS & CONFERENCE PRESENTATIONS

Social Impact workshop at KDD 2018, London, England, "Women Data Leaders in Russia project" (Presentation with Alena Suvorova)

ITICSE 2018, Larnaca, Cyprus, "Code Sharing Networks of non-STEM students. The Case of Data Science Minor" (coauthored with I. Musabirov, doi>10.1145/3197091.3205814)

Sunbelt 2018, Utrecht, Netherlands, "Who do you share your code with? Network analysis of students's collaboration in the blended learning course" (Poster with I.Musabirov)

DTGS 2018, St.Petersburg, Russia, "We drink, we sing Russian songs" (Poster with A.Kuznetsona, A.Golovchenko, V.Charushina, T.Paranina and P.Moroz)

Koli Calling 2017, Koli, Finland, "Trajectories of student interaction with learning resources in blended learning: the case of data science minor" (coauthored with I. Musabirov, doi>10.1145/3141880.3141907)

Learning Analytics Summer Institute –Nordic 2017, Bergen, Norway, "Interdisciplinary Minor in Data Science: Motivation and Trajectories of Student Interaction with Learning Resources in Blended Learning" (Poster with I. Musabirov, D. Alexandrov and V. Ivanushina)

EMOOCs 2017, Madrid, Spain, HybridEd Workshop: Innovations in Blended Learning with MOOCs, "Teaching Basics of Data Science to non-STEM undergraduates. A Hybrid Learning Approach" (Presentation with I. Musabirov, P. Okopny, S. Pozdniakov and A. Suvorova)

The Young Scientist Symposium on Applied Data Analysis 2016, St. Petersburg, Russia, "Music quiz-up for data gathering: Application and Research Design" (Poster with A. Golovchenko, T. Paranina, K. Konstantinova, D. Bulygin)

SUMMER SCHOOLS

Russian Summer School in Information Retrieval (RuSSIR) 2018, Kazan Federal University, Russia

Summer School of Network Analysis 2017, Saint-Petersburg University, St.Petersburg, Russia

WSTNet Web Science Summer School 2016, University of Koblenz-Landau, Germany

Summer School Web-Development in Python 2015, HSE, St.Petersburg, Russia

PROFESSIONAL ACTIVITIES

Organizational Committee Member:

- Web Science Summer School 2017
- Education and Global Cities: Smart Learning for World Universities 2017
- International FRUCT conference on Intelligence, Social Media and Web 2016

Volunteer

- Artificial Intelligence and Natural Language & Information Extraction, Social Media and Web Search (AINL-ISMW) FRUCT Conference 2015
- The 9th Russian Summer School in Information Retrieval (RuSSIR 2015)