Polina Revina

Curriculum Vitae

✆ +7 (916) 038-35-26
✉ lv.p@bk.ru

Education

2017–2021	**Bachelor Degree in Political Science, Faculty of Social Sciences**. National Research University Higher School of Economics, Moscow, Russia
2018-2020	**Minor in Data Analysis**, *GPA: 9.5*. National Research University Higher School of Economics, Moscow, Russia

Work experience

Jan. – Apr. 2021	**Data Science Intern**, *Sberbank*, Finance department, economic evaluation group. Conducting an economic evaluation of products using python

Research assistance

Apr. 2021 - Jul. 2021	**Center for Institutional Studies**, *under L. Polishchuk supervision*.
Apr. - Dec. 2020	**International laboratory for Applied Network Research**, *under D. Zaytsev supervision*, Data collection using python and MongoDB, data analysis and visualisation using python and R, performing network analysis using python.
Jun. - Aug. 2020	**Mayors as Brokers of Regime: Evidence from Budget Transfers in Russia**, under Olga Gasparyan supervision. Data collection of biographies of mayors of Russian cities
Nov. - Dec. 2019	**Institute for Statistical Studies and Economics of Knowledge**, *under O. Demidkina supervision*. Data collection and data analysis using Excel, writing analytical reports

Teaching assistance

2021	**Analysis of Heterogeneous Data and Data Pattern Analysis**, 1st year MA Political Science program.
2020	**Probability Theory and Mathematical Statistics**, 2nd year BA Political Science program.
2020	**Programming for Everybody (Getting Started with Python)**, 1st year MA Political Science program.
2020	**Introduction to Data Analysis in R**, 2nd year BA Political Science program.
2020	**Data Science**, 2nd year BA Economics program.
2019 - 2020	**Introduction to Machine Learning course**, 1st year MA Political Science program.

Continuing education

Aug. 2019	**IPSA-HSE Summer School in Concepts, Methods and Techniques in Political Science**, course on Bayesian Statistics with Boris Sokolov. NRU HSE, St. Petersburg, Russia

Feb. 2019 **ECPR Winter School in Methods and Techniques**, course on automated web data collection using R with Dominic Nyhuis.
Bamberg Graduate School of Social Sciences, Bamberg, Germany

Feb. 2019 **ECPR Winter School in Methods and Techniques**, course on introduction to Machine Learning for the Social Sciences with Bruno Castanho Silva.
Bamberg Graduate School of Social Sciences, Bamberg, Germany

Achievements

2020 **Laureate of the competition for the best bachelor research paper in political science (NRU HSE NIRS competition)**, "The Activity of International Women Rights NGOs as a Moderator Between Gender Inequality and FDI Inflow".

2019 **Data culture Hack: Open Data Hackaton in social sciences, HSE**, best technical solution.
Representation of political preferences based on data analysis of social networks (Lentach community). We estimated logit regression model to classify social posts into conservative and liberal groups

2019 **Digital Humanities Hackaton, HSE Centre for Digital Humanities**.
The impact of the World Cup on the short-term rental housing market in Moscow according to Airbnb data. We used spatial statistics models and R to visualise our models

2018 **Participant of the Data-Journalism Hackathon, "Novaya Gazeta"**.
Analysis of self-representation patterns in dating sites. We used scrappers to extract information and sentiment analysis models

2017 **Changellenge Cup Moscow Russian Section – High Quality Award 25%**.

Conferences

2020 **IC2S2: International Conference on Computational Social Science, MIT**, Poster presentation: Measuring public opinion in Russia through analysis of online petitions on change.org.
In this research I estimated several topic models (LDA, BigARTM) to extract topic from online petitions and used them as predictors to petitions' popularity. I also extracted named entities using BiLSTM-CFR and used them as controls in my model.

Scholarship

2017-2021 **Presidential grant for young researchers**.

2017-2018 **Moscow city government scholarship for excellence in secondary education**.

Technical skills

Programming PYTHON, R, VBA, SQL

Statistical R, SPSS
Software

Paragraph LaTeX
Assembly

Last updated May 20, 2021.