Ksenia Lapshina

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EDUCATION

2019 – 2023 **BA in Sociology, Faculty of Social Sciences.** GPA: 8.98 / 10
National Research University Higher School of Economics, Moscow, Russia

2020 – 2022 **Minor in Intelligent Data Analysis**
Faculty of Computer Science, NRU HSE

CONTINUING EDUCATION

2018 **VII Summer School for Anti-Corruption Policy**
Final project on regional electoral corruption index in Russia under the supervision of Julian Balandin.
Laboratory for Anti-Corruption Policy, NRU HSE, Moscow.

2019 **Data Analysis in Social Sciences and Humanities Course**
within "Summer School – 2019", starting program on R and RStudio.

2021 **Deep Learning School,** MIPT University
1st semester completed with a III-degree diploma.

2021 **IPSA–HSE Summer School for Methods of Political and Social Research**
Course on Bayesian Statistics. Instructor: Boris Sokolov.

WORK // RESEARCH

TEACHING ASSISTANCE

2021 **Probability Theory and Mathematical Statistics,** 1st year Sociology bachelor program, HSE.

2022 **Machine Learning: Basic Concepts,** Intelligent Data Analysis minor, HSE.

2022 **Introduction to Machine Learning,** 3rd year Business Informatics bachelor program, HSE.

2022 **Introduction to Deep Learning,** Intelligent Data Analysis minor, HSE.

2022 **Machine Learning,** 3rd / 4th year Economics bachelor program, HSE.

PROJECTS

2018 – 2020 **Vysokovsky Graduate School of Urbanism (HSE) research projects**

Urban Vernacular Areas in Moscow (supervisor: Kirill Puzanov).

Spatial isolation and the formation of local identity of residents of the Matveevskoye district in Moscow (supervisor: Ivan Mitin).

Housing Management: Formats and Practices (supervisors: Marianna Shkurko and Daria Volkova).

2021 **Computational Methods for Analyzing the Effectiveness of Corporate and Public Administration**, research project under the supervision of Grigoriy Khvatskiy.

2021 – 2022	**Krasnodar. How Is Citizens' Health Related to Environmental Factors?**
	Moscow Urban Forum & HSE Research Expedition on Urban Health.

TERM PAPERS

2021	**Collective Management of Common Property in an Apartment Building: What Affects the Residents' Involvement?**
	Advisor: Anna Strelnikova. Grade: 9/10.
2022	**Emotional labor as an element of the professional identity of flight attendants.**
	Advisor: Olga Simonova. Grade: 9/10.

CONFERENCES

2021	**Young Researchers Conference «Social Sciences Alliance»,** NRU HSE
	Collective Management of Common Property in an Apartment Building: What Affects the Residents' Involvement?
2022	**XXIII Yasin International Academic Conference on Economic and Social Development,** NRU HSE
	Health of Krasnodar. How do factors and the quality of the urban environment affect the well-being of citizens?

ACHIEVEMENTS

2022	**Bronze Medalist of the All-Russian student Olympiad "I am a Professional",** Sociology Bachelor track.

VOLUNTEER WORK // LEADERSHIP

2017 – 2019	**Volunteer at Best Buddies HSE,** student division of the inclusive organization for people with intellectual and developmental disabilities.
	Events support and organization, promotion responsibilities.
since 2022	**Deputy Head at HSE Student Council Committee for Digitalization,** head of the analytics team.
	Managing committee data analysis and research projects, analytical expertise for other Student Council committees.

TECHNICAL SKILLS

Programming	Python: algorithms and data structures, NumPy, Pandas, Matplotlib, Seaborn, web scraping, scikit-learn, PyTorch, time series.
Statistical software	SPSS: key statistical tests (parametric / non-parametric), linear / logistic regression models, factor and cluster analysis, multidimensional scaling.
	R: key statistical tests, linear models, Bayesian statistics, visualization, social network analysis (sna, network, igraph).
Research skills	Survey data collection, in-depth interviews, content analysis, textual data collection and preparation, full-cycle research, methods for quantitative and qualitative data analysis, academic writing.
Languages	Russian: native speaker
	English: C2 (IELTS overall band score: 8.5)
Other	MS Word, MS Excel, MS PowerPoint