

Ilia Kabanov

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DESIRED POSITION

Data Scientist

EDUCATION

Lomonosov Moscow State University, Russia 2021 - 2025 (expected)
Bachelors of Economics, Group of Advanced Academic Studies GPA: 5.0/5.0

SKILLS

Programming languages: Python (numpy, pandas, matplotlib), R
Programming skills: Data Cleaning (lemmatization, correction), Text Analysis (tokenization: bert, word2vec, tf-idf, encodings), Machine Learning (sklearn), Deep Learning, Statistical Analysis, Econometric Analysis, Network Analysis
Miscellaneous: Latex (using Overleaf), Markdown
Languages: Russian (native), English (Advanced, TOEFL: 103/120)

PROJECTS

Text Sentiment Prediction October 2023
• Machine Learning Classification models [github repo](#)
• NLP methods

Insurance Payments Predictions October 2023
• Machine Learning Regression models [github repo](#)

Adherence to the Taylor Rule and Monetary Policy Expectations May 2023
• Data Collection [github repo](#)
• Econometric Analysis
• Macroeconomic models

Stationarity tests for Time Series with a small sample size February 2023 - May 2023
• Statistical Analysis (Bootstrap methods) [github repo](#)
• Econometric Analysis

RELEVANT COURSEWORK

Passed: Mathematical Analysis, Linear Algebra, Probability Theory, Microeconomics (I and II), Higher Mathematics (Mathematical Analysis II and Linear Algebra II), Mathematical Statistics, Differential Equations, Macroeconomics (I and II), Econometrics (I and II), Operations Research (I and II), Data Analysis with Python, Machine Learning, Finance, Game Theory, Statistical Machine Learning (Barcelona School of Economics)
Ongoing: Blockchain and DeFi intro, Financial Mathematics intro, Industrial Economics, Accounting, Stochastic processes

TEACHING EXPERIENCE

TA, Advanced Mathematics Teaching Assistant at Lomonosov Moscow State University Present

ACADEMIC ACHIEVEMENTS

Faculty Grant Winner	Faculty Grant for Summer School in Barcelona School of Economics	2023
Medalist (single)	Lomonosov MSU Econometrics Universiade	2024

SPORT ACHIEVEMENTS

Medalist (In teams)	European Boys' Team Golf Championship, Div.2	2019
Medalist (single)	Russian Golf Cup	2018
Medalist (single)	Russian Boys Championship U16	2018-2019