Maksim Peshkov

- 22 years
- 4th year bachelor's degree

Contacts

- Moscow
- +7(918)625-83-92
- myupeshkov@gmail.com
- github.com/myupeshkov
- LinkedIn (Maksim Peshkov)

Skills

Python (numpy, pandas, sklearn, pytorch)

MS Office (Excel)

R

SQL

STATA

Probability theory and Statistics

Econometrics

Data Science

Machine learning/ Deep learning

Russian — Native

English — B2

Education

Higher School of Economics | Moscow — 2018 - 2022
Bachelor's programme
Faculty of economic science
Economics | GPA: 8,83
Rating: Top 2% of undergraduate students

Completed courses in linear algebra, mathematical analysis, differential equations, random processes, micro- and macroeconomics, probability theory and mathematical statistics, and econometrics with honours.

Higher School of Economics | Moscow — 2019 - 2021
Minor
Data Science
Faculty of Computer Science| GPA: 9

Completed courses about modern Machine Learning models in Python, the basic NLP models, Deep learning architectures and applied data analysis methods with honours. More details see Более подробно см. here and here.

Gymnasium №87 | Krasnodar — 2007 - 2018
Secondary general and basic general education completed with honours.

Work experience

Research Assistant — 03/2020 - present
Center for Institutional Studies
Higher School of Economics

Analysis of economic institutions in Russian regions and identification their development factors. Collection, preprocessing and visualization data in Python. Construction of econometric models and hypothesis testing.

Assistant to Python Data Analysis course — 01/2021 - 06/2021
Faculty of Computer Science
Higher School of Economics

Tutorials preparation and conducting quizzes on algorithmic problems in Python.

Junior Product Analyst — 06/2021 - 12/2021
Department of Product Lending in "Tinkoff bank"
TCS Group Holding

Analysis of product metrics, identifying weaknesses in the POS-sales, suggesting product improvements of Tinkoff Credit Broker, hypotheses formation and testing in A/B experiments.

Project Activities

Educational project "Model Risk" | Moscow — 02/2020 - 06/2020
Financial Engineering and Risk Management Laboratory in Higher School of Economics

Analysis of the Russian government bond market, using different models to construct the yield curve and measure model risk. Filling in the gaps was the largest part of work using such methods as EM-algorithm and Kalman Filter. More details and Python file, see here.

Professional interests

▸ Data Science

▸ Artificial Intelligence

▸ Econometrics

▸ Institutional economics

Personal interests

▸ Intellectual games

▸ Playing the guitar

Educational project "Development prospects of the Russian Financial Market Infrastructure | Moscow National Settlement Depository

Analysis of practices of using blockchain technology on foreign currency exchanges, assessment of technological and financial risks, development of an analogue for the Russian market. More details, see here.

Conferences

- 2021-2022
    - Speaker in IDC-2021 Conference. More details, see here
    - Speaker in NSD Conference "The Future of Financial Infrastructure". More details, see here.

Olympiads

- 2021-2022
    - Prize winner of the "Econometrics Universiade". More details see here
    - Final stage participant of the "Ya-Profi" Student Olympiad in "Mathematics", "Business Informatics", "Mathematical Modeling"
    - Final stage participant of the "Higher League" Student Olympiad in "Business Informatics", "Applied Mathematics", "Economics"
    - Final stage participant of "MegaOlympiad" ITMO University Olympiad in "Mathematical Modeling" track "Information Systems"
- 2020-2021
    - Prize winner of the "Higher League" Student Olympiad in "Applied Mathematics"
- 2017-2018
    - Winner of semi-final Russian School Olympiad in Mathematics in 2017 and 2018
    - Prize winner of the SPbU School Olympiads in Mathematics in 2018
    - Participant of final Russian School Olympiad in Mathematics in 2017

Certificates

IELTS Academic
Overall Band Score: 6.5 | CEFR level: B2

03/2022 - 03/2024