

Roman Nigmatullin

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EDUCATION

National Research University Higher School of Economics

Bachelor of Science in Applied Mathematics

Moscow, Russia

Aug. 2020 – May 2024

- Current GPA - 8.5/10, consecutive top-10 in academic ranking out of 100 students.

WORK EXPERIENCE

Data Analyst

Yandex.Market

November 2021 - Present

Moscow, Russia

- Integrated an algorithm for choosing new pickup point locations, engineered geo-analytical model and ETL-pipeline with team of Market and GeoSearch analysts, effectively increasing GMV and monthly orders of new pickup points by 80%.
- Provided analytical support for all product launches of Last Mile courier delivery, including several experiments on call forwardings, bulky goods logistics and anti-fraud in pickup points; took part in developing and integrating all Last Mile product features for the last year.
- With team of logistics analysts recreated C-level BI instruments with 100+ MAU in DataLens in three months (previously in Tableau), responsible for dashboards for operational costs analytics and delivery quality metrics.
- **Stack:** Python, YQL (Yandex analogue for Hadoop), Clickhouse, DataLens, JavaScript

Data Analyst Intern

Yandex.Market

July 2021 - October 2021

Moscow, Russia

- Developed a data lake for Yandex Logistics frontend logs, integrated data pipelines and instruments for spotting ineffective stages in Last Mile Delivery.
- Refined forecasting for contract logistics operational costs, increasing MAPE by 10%.
- **Stack:** YQL (Yandex analogue for Hadoop), Tableau

PROJECTS

MEG-based state of consciousness modelling

HSE Vision Modelling lab

April 2021 - Present

Moscow, Russia

- Implemented different algorithms of preprocessing and prediction, developed an interpretable CNN architecture specifically for signal data.
- Analyzed attention shifts and peak patterns in time series, resulting in 20% improvement of model accuracy.
- **Stack:** PyTorch, MNE, mneflow, SciPy

SKILLS

Programming languages: Python, C++, JavaScript (familiar)

Frameworks and libraries: Numpy, SciPy, scikit-learn, CatBoost, PyTorch and other scientific stack

Developer tools: SQL, Jupyter, Git, Docker, Unix

Data Visualization: Tableau, DataLens

Knowledge: Data Analysis & Visualization, MapReduce-systems, ML research and engineering, Statistics