

# Roman Nigmatullin

[roman.nigmatullinm@gmail.com](mailto:roman.nigmatullinm@gmail.com) | [linkedin.com/rmnigmatullin](https://www.linkedin.com/rmnigmatullin)

## EDUCATION

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### National Research University Higher School of Economics

Moscow, Russia

*Bachelor of Science in Applied Mathematics*

*Aug. 2020 – May 2024*

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

## WORK EXPERIENCE

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### Data Analyst

November 2021 - Present

*Yandex.Market*

*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

July 2021 - October 2021

*Yandex.Market*

*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

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### MEG-based state of consciousness modelling

April 2021 - Present

*HSE Vision Modelling lab*

*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

## SKILLS

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

**Frameworks, libraries:** SciPy, CatBoost, PyTorch

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

**Data Visualization:** Tableau, DataLens

**Knowledge:** Data Analytics, Algorithms and Data Structures, Machine Learning, Data Engineering, Statistics