

Roman Nigmatullin

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SUMMARY

Data Scientist with leadership experience and expertise in various areas of analytics, deeply interested in applied mathematics, data processing and software engineering.

EDUCATION

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| National Research University Higher School of Economics <i>Bachelor of Science in Applied Mathematics, Minor in Data Science</i> | Moscow, Russia <i>Aug. 2020 – Present</i> |
| Yandex School of Data Analysis <i>Machine Learning Engineering</i> | Remote <i>Sep. 2023 – Present</i> |

EXPERIENCE

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| Data Scientist <i>Yandex</i> | July 2021 – Present <i>Moscow, Russia</i> |
| <ul style="list-style-type: none">• Led the first major effort to use geanalytics for decision making in logistic network growth strategy• Developed an algorithm for choosing new pickup point locations, led the development and integration project and increased average monthly orders of new points by 60%• Integrated new placement strategy and guard zone model for pickup points, based on walkability, which resulted in 3 times network growth in 5 months, up to 50% increase of available area, and sufficient delivery cost decrease• Made a lot of research for last mile delivery services, conducted multiple experiments together with product and development teams• Lead team of three analysts to develop and support data pipelines and reporting system in operations analytics | |

PROJECTS

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| QBER forecasting <i>Python, Pytorch, scikit-learn</i> | Jan. 2023 – Present |
| <ul style="list-style-type: none">• Developing an algorithm for quantum bit error rate forecasting for a pair of quantum transmitters• Researching anomaly detection techniques to test different models for outlier prediction | |
| numerical-methods <i>Python, numpy</i> | Nov. 2022 – June 2023 |
| <ul style="list-style-type: none">• Small library for numerical algorithms, written in Python and used in homeworks for university course. | |

SKILLS

Languages: Python, C++, SQL (Postgres, Clickhouse)
Frameworks: PyTorch, scikit-learn, YTSaurus, Spark, Airflow
Core Competencies: Machine Learning, Data Engineering, ETLs, Data Pipelines, Analytics

ADDITIONAL

Volunteered in Yandex EdTech projects - School of Management, Intern Day
Initiated several faculty workshops, scientific and career meetups