

Roman Nigmatullin

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EDUCATION

- National Research University Higher School of Economics** Moscow, Russia
Bachelor of Science in Applied Mathematics Aug. 2020 – Present
- Yandex School of Data Analysis** Moscow, Russia
Machine Learning Engineering Sep. 2023 – Present

EXPERIENCE

- Yandex Self Driving Group** Moscow, Russia
Data Analyst, Product / Operations Dec. 2022 - Present
Python SQL YTSaurus Spark DataLens
 - Lead team of three analysts to create reporting system from operational tools to C-level KPI metrics
 - In collaboration with Data Engineering team developed stable data pipelines and data infrastructure for analytics department
- Yandex Market** Moscow, Russia
Data Analyst, Delivery July 2021 - Nov. 2022
Python SQL YTSaurus Tableau
 - 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.

PROJECTS

- QBER Forecasting** Moscow, Russia
Nov. 2022 - Present
PyTorch Catboost Python
Developing an algorithm for quantum bit error rate forecasting for a pair of quantum transmitters using machine learning and deep neural networks.
- Applied math models on Python** Moscow, Russia
Jan. 2023 - Present
Python numpy numba
Parallellized high-performance mathematical models, implemented in Python with JIT-compilation.

SKILLS

- Python, C++
- PyTorch, scikit-learn, SQL (Postgres, ClickHouse), Spark
- Data Engineering, ETLs, Data Pipelines, Machine Learning, Deep Learning