Roman Nigmatullin

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Summary

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

Education

National Research University Higher School of Economics — Moscow, Russia
Bachelor of Science in Applied Mathematics, Minor in Data Science — *Aug. 2020 – Present*

Yandex School of Data Analysis — Remote
Machine Learning Engineering — *Sep. 2023 – Present*

Experience

Data Scientist — Jan. 2023 – Present
Yandex Self-Driving Group, Analytics — *Moscow, Russia*

- Chief data scientist for product & operations, led team of three product analysts
- Developed product analytics data warehouse and BI system (metrics, dashboards, etc.) from scratch
- Researched robotic delivery effectiveness and location success factors, which resulted in 25% orders increase and 20+ new food delivery locations

Data Scientist — Jul. 2021 – Dec. 2023
Yandex Market, Delivery — *Moscow, Russia*

- Led the first major effort to use geoanalytics 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 in first three months by 60%
- Integrated new walkability-based guard zone model for pickup points, which increased available area up to 50%
- Made a lot of research for last mile delivery operational effectiveness and delivery cost optimizations

Projects

QBER forecasting | *Python, Pytorch, scikit-learn* — Jan. 2023 – Present

- Developing an algorithm for quantum bit error rate forecasting for a pair of quantum transmitters

numerical-methods | *Python, numpy* — Nov. 2022 – June 2023

- 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, Open Lectures
Initiated several faculty workshops, career meetups, co-founded faculty community chat