

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

EXPERIENCE

Data Scientist <i>Yandex Self-Driving Group, Analytics</i>	Jan. 2023 – Present Moscow, Russia
<ul style="list-style-type: none">Chief data scientist for product & operations, led team of three product analystsDeveloped product analytics data warehouse and BI system (metrics, dashboards, etc.) from scratchResearched robotic delivery effectiveness and location success factors, which resulted in 25% orders increase and 20+ new food delivery locations	
Data Scientist <i>Yandex Market, Delivery</i>	Jul. 2021 – Dec. 2022 Moscow, Russia
<ul style="list-style-type: none">Led the first major effort to use geanalytics for decision making in logistic network growth strategyDeveloped 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 <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	
numerical-methods <i>Python, numpy</i>	Nov. 2022 – Jun. 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, Open Lectures
Initiated several faculty workshops, career meetups, co-founded faculty community chat