Roman Nigmatullin

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SUMMARY

Machine Learning Engineer with leadership experience, strong software engineering skills and comprehensive math background. Keen on solving complex research problems and developing scalable data-intensive software.

EXPERIENCE

Machine Learning Engineer — Mar. 2024 – Present
Yandex — *Moscow, Russia*

- Implemented profit-aware ranking losses, which resulted in +10% GMV from recommendations
- Researched cannibalization in multi-stage recommender systems and global optimization methods
- Developed embedding building pipelines (model retraining, runtime synchronization)
- Refactored ETLs and model training infrastructure

Data Scientist — Jul. 2021 – Mar. 24
Yandex — *Moscow, Russia*

- Led team of three DS, mentored interns
- Conducted multiple geoanalytics research projects for logistic network growth
- 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%
- Developed product analytics data warehouse and BI system (metrics, dashboards, etc.) from scratch for robodelivery services

SKILLS

Languages: Python, C++, SQL
Frameworks: Catboost, PyTorch, YTSaurus, Clickhouse, Postgres, Spark
Core Competencies: Machine Learning, Deep Learning, RecSys, Time Series, Software Engineering

EDUCATION

National Research University Higher School of Economics — Moscow, Russia
BSc in Applied Mathematics, MSc in Computer Science — *Sep. 2020 – Present*

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

RESEARCH

[**qber-forecasting**](#) | *HSE Lambda* — Jan. 2023 – Present

- Applying time series analysis and deep learning to quantum communication
- Participated in [MMCP2024 conference](#)

ADDITIONAL

Volunteered in Yandex EdTech projects - Analytics School, Intern Day, Open Lectures
Initiated several faculty workshops, career meetups, co-founded faculty community chat