Atabek Markhaev

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Experience

Yandex
Machine Learning Engineer   December 2020 – present

- Optimized the destination point selection via algorithm that uses gradient boosting and neural networks; this provided approximately 35000 (+0.28%) additional trips per day in Yandex Taxi ride-hailing service
- Developed and introduced new cross-sale mechanic on the main page in Yandex quick commerce branch (1M+ DAU) and improved the existing recommendation system based on gradient boosting, which led to over 0.4% increase in ARPU and to over 25% increase in cross-sale usage
- Developed and introduced data-driven heuristic based recommendation system in e-com marketplace for Yandex Taxi drivers, which led to significant boost of DAU (+10%) and income (over +40%)

Yandex
Software Engineer   May 2020 – December 2020
Junior Software Engineer   May 2019 – May 2020

- Maintained a service that is responsible for replicating data to MR clusters and archiving of Yandex Taxi databases
- Worked together with data engineers on data management platform which helps analytics, managers etc. in getting clean and convenient data from raw sources (databases, logs)

Yandex
Product Analyst Intern   November 2018 – April 2019

- Used SQL-like query language to aggregate and analyze large amounts of information in Yandex GeoTech services
- Coded MapReduce operations in Python to process data and measure different kinds of user metrics

Teaching assistant   August 2018 – October 2018
Moscow Coding School
- Graded homework assignments and gave feedback to students in machine learning course with over 20 participants

Education

Higher School of Economics, Moscow   September 2016 – September 2020
Bachelor of science
Major: Business Informatics
Minor: Intellectual data analysis

Programming Languages

Python
C++

Achievements

8th place (out of 214) at Yandex Algorithm ML contest (NLP)   2018
5th place out of 600+ teams at Sanofi Health Guardians   2017
business case competition

Noncredit courses

Tinkoff FinTech School (dialogue systems)
Offline course with focus on solving natural language processing problems (using Python and TensorFlow).