Atabek Markhaev

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Experience	**Yandex**	December 2020 – Present

Machine Learning Engineer

- Optimized the destination point selection via algorithm that uses gradient boosting and neural networks; this provided approximately 35,000 (+0.28%) additional trips per day in Yandex Taxi ride-hailing service.
- Developed and introduced a new cross-sale mechanic on the main page in the FoodTech branch (1M+ DAU) and improved the existing recommendation system based on gradient boosting. This led to over a 0.4% increase in ARPU and over a 25% increase in cross-sale usage.
- Implemented and deployed a data-driven heuristic-based recommendation system in e-com marketplace for taxi drivers, which led to significant boost in DAU (+10%) and revenue (over +40%).

Yandex   May 2019 – December 2020

Software Engineer

- Maintained a Python service responsible for replicating data from over 200 databases to the cold-storage MapReduce clusters.
- Improved an ETL platform written in Python, enabling better support of handling PostgreSQL databases.
- Maintained and actively improved the database archiving service written in Python, helping reduce hot-storage consumption by 20%.

Yandex   November 2018 – April 2019

Product Analyst Intern

- Used SQL-like query language to aggregate and analyze large amounts of information in GeoTech services.
- Coded MapReduce operations in Python to process data and measure different kinds of user metrics.
- Analyzed A/B experiments conducted in the web version of Yandex Maps.

Moscow Coding School   August 2018 – October 2018

Teaching assistant

- Graded homework assignments in machine learning course with over 20 participants.
- Provided 24/7 course support via the messengers.
- Assisted in preparing course materials.

Education   **Higher School of Economics, Moscow**

Bachelor of science, Business Informatics   September 2016 – September 2020
Minor: Intellectual data analysis

Programming Languages   Python, C++

Achievements   8th place (out of 214) at Yandex Algorithm ML contest (NLP)   2018

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