Palagashvili Abuli

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github.com/fibersel

EDUCATION	**Moscow State University named after M.V. Lomonosov**, Moscow

EDUCATION

Moscow State University named after M.V. Lomonosov, Moscow
Bachelor of applied mathematics and informatics, Statistics and Probability theory
2016-2020   GPA: 4.4/5.00

Moscow State University named after M.V. Lomonosov, Moscow
Master of applied mathematics and informatics, Big data
2020-2022

Yandex school of data analysis
Machine Learning developer
2019-2021

TECHNICAL SKILLS

Languages : Python, C/C++, Java
Database : Clickhouse, HDFS, Kafka, Aerospike
Tools : git, SQL, airflow, kafka-streams, CatBoost, docker, kubernetes
General : Data Structures, Algorithms, Object Oriented Programming, Concurrency

EXPERIENCE

Mail.ru Group   **May 2019 - Present**
Working in recommendation systems team as intern at pulse.mail.ru

- Implemented MapReduce - based data preparation pipeline for large scale machine learning models
- changed linear vowpal wabbit model with CatBoost (based on datasets, generated from previous post, up to 8% clicks growth)
- Managed Clickhouse DWH with all user actions (6 month history, 47 million Month Active Users)
- Developed on-line metrics system, based on DWH (full experiments results history is available)
- Established Kafka streaming processes to hdfs and clickhouse (fast and fault-tolerant delivery to storage, 10 seconds lag)
- Improved detection of outdated posts, removed outdated weather forecasts, news and horoscopes
- Developed distributed application for Fast user data updates in aerospike storage (less then 5 seconds lag)
- Supported integrations with docker and Kubernetes (moved all kafka application from bare metal and VM's to Kubernetes, made them easy to scale)

OPEN SOURCE

aiochclient   **Lightweight asynchronous python library for clickhouse**
github.com/maximdanilchenko/aiochclient

- Added json support, demonstrates very high performance on insert operations

PROJECTS

Ping-pong   **A python based web ping-pong**
github.com/fibersel/PingPong

- **Technology:** Python, asyncio, MySQL, JavaScript