Mark Andreev

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Development stack:

- Java. Spring: MVC, Data, AMQP, Kafka, Integration, Batch, Security
- PostgreSQL, MongoDB, RabbitMQ, Redis, Kafka, Keycloak, Docker, Prometheus, Kubernetes
- Cloud. AWS: EC2, S3, RDS, CloudFront, SQS, SNS, Lambda, IAM, Registry; Azure: VM, Blob, Registry
- Python. Pandas, Scikit-learn, Matplotlib, Tornado
- Typescript. Angular, Apollo

Languages: Russian - native, English - advanced

Experience

May 2017 - present (3+ years)

Conundrum.AI, Machine learning engineer

- Developed Machine learning lifecycle platform for Industrial Automation (kubernetes based)
- Developed Data Storage Service for sensors data
- Developed end to end machine learning application for flight analysis
- Created ad hook analysis for tabular, geo, textual data for customer needs
- Microservices based architecture

Education

September 2016 - June 2018

Lomonosov Moscow State University, Master of Applied Mathematics and Informatics. Big Data: infrastructure and methods for solving problems.
Thesis: “NLP in macroeconomics”.

September 2012 - June 2016

Moscow Power Engineering Institute (National Research University). Mathematical modeling.
Thesis: “Face recognition”.

Conferences/Public speech

February 2019. "ML in production" at the FunTech ML-meetup.

May 2018. Volunteer Data Scientist at EnduringNet (founded by Ser-Huang Poon, prof Manchester University)

October 2017. A New Approach to Determining the Attitude of Authors of Short Texts to the Topics Discussed in the Texts on the Example of Estimating the Inflations Expectations (DAMDIT 2017), Andreev M.

July 2017. Big Data approach to measure inflation expectations: the case of the Russian economy (IFABS 2017 Oxford Conference), Goloshchapova, I., & Andreev M.

May 2017. Measuring inflation expectations of the Russian population with the help of machine learning (Voprosy Economiki), Goloshchapova, I., & Andreev M.

Certificates.

- AWS Well-Architected Training
- Deep Dive into S3, Glacer, EFS
- Deep Dive on Container Security