ALEXANDER BARANOV

Data scientist / Analyst

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EXPERIENCE

Lead analyst
ALFA BANK

📅 September 2018 – Present   ⚲ Moscow, Russia

- Development of data analytics requirements on Hadoop with customers.
- Developing requirements for ETL tools.
- Analysis of tabular data on Hadoop.
- Jira and Confluence process automate in python.

Analyst
MAIL.RU GROUP

📅 December 2017 – July 2018   ⚲ Moscow, Russia

- Collection and analysis of information about the company's educational projects.
- Automatic sentiment analysis of comments about courses.
- Data visualization. Writing reports on collected data.

Teaching assistant
HSE University

📅 Sep 2017 – Dec 2017   ⚲ Moscow, Russia

- Consultations with students about mathematical analysis.
- Checking control works on the subject.

SKILLS

Python, C++, SQL

Tensorflow, Keras, Pytorch, XGBoost/Lightgbm

Git, Linux

EDUCATION

Bachelor of Computer science and engineering
National Research University Higher School of Economics

📅 2016 - 2020

COURSERS

- Natural language processing in email services and social networks | MAIL.RU GROUP
- Hadoop. System for processing large amounts of data | Stepic. MAIL.RU GROUP
- Natural Language Processing | Coursera. HSE University
- Deep Learning in Computer Vision | Coursera. HSE University

PROJECT FOR KELDYSH RESEARCH CENTER

The project was created together with the staff of the research center for use in research about scientometrics. The developed modules have simplified and improved the work of scientists in this direction. Three sub-projects were implemented in one year.

Classification of scientific articles

- Data exploration and preparation for the fast-text
- Creating a pipeline for training and testing models
- Automate data collection on the Internet

Automatic segmentation of scientific articles

- Data mining for the task
- Research on algorithms and models for text segmentation
- Creating a pipeline for training and testing models

Coreference Resolution and NER in scientific articles

- Data mining for the task
- Data exploration
- Research on algorithms and models for russian language based on UDPipe.
- Creating a pipeline for training and testing models