



## Zakharov Yakov

Data Scientist

### Contacts:

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#### Github

<https://github.com/jcartwri/>

### Profile

I am a Data scientist and Python Developer with 3 years of experience with good problem solving skills and proven experience in creating and designing machine learning models.

Also, I trained interns. Help new people to enter the company.

### Education

#### MIREA Moscow

Master's degree in computer science

- training from September 2021
- Computer Science specialization courses for advanced training

#### MIREA Moscow

Bachelor of Computer Science: Diploma with honors

- training from September 2017
- Information security courses

#### School 42 (Ecola 42)

- training from September 2017
- Programming Specialization courses
- Specialization courses in Networks and Systems

### Skills

#### Programming languages

C#, C/C++, JQuery JavaScript, HTML/CSS, Python, SQL, Docker

#### Development environments/The system:

PyCharm, Jupyter Notebook, bootstrap, Visual Studio, Docker, ElasticSearch, MySQL, Kafka, PyTorch, Git, Bush, NLP

### Work experience

#### Data Scientist

Company "Sber"

February 2020 - present

- Machine learning model training (pyspark, torch, sklearn). For example: Classification letters on 8 classes.
- Use AutoML for classification of dialogs (transcriptions).
- Write speech bot on PyCon conference.
- Working with cloud services such as S3.
- Add GPU for AutoML.
- Write ETL from Hadoop to ElasticSearch.
- Classification MNIST with torch models.
- Intelligent classification of NER with Natasha and Bert+SVM
- Collect data ( from ru.wiktionary.org) for synonyms.
- Create and work with tables in hive.
- Classification data with Xgboost.

#### Python Develop

- Rest Django API.
- Write ETL from Hadoop to ES.
- Write tests (pytest).
- Work with docker-compose.
- Work with ElasticSearch.
- Write backup for bd (Postgres) and ES.
- Work with Celery.
- Fix bugs and tests.