

ЗАХАРОВ ЯКОВ

DATA SCIENTIST (ML, NLP)
PYTHON (DEVELOPER)



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EDUCATION

2017  **MIREA (Moscow)**
Bachelor's degree, Information security

2018  **Ecola 42 (Moscow)**
Information security

2021  **MIREA (Moscow)**
Master's degree, Information technology

HARD SKILLS

NLP

SpaCy, Gensim, Nltk, Pymorphy2, Transformers, Deepavlov, BigARTM, Sklearn

- classification dialog and message
- intellectual depersonalization

Deep Learning

PyTorch, TensorFlow

- classification MNIST
- classification dialog

Data Engineering

SQL, Hadoop, PySpark, Hive, Impala, Elasticsearch, MongoDB, Vertica, Clickhouse

- storing big dialog data
- writing ETL
- backup of Elastic and elastic
- test of benchmark

Visualization

Seaborn, Matplotlib, Plotly

- visualization of data

Web

Django, Django rest framework, Celery, FastApi, nginx

- website for dialog analysis
- website with video content

Other

Linux, Docker, Docker-compose, Podman

Personal Information

- Analytical mindset and the desire to constantly learn something new.
- I love helping people (engaged in volunteering).
- I like to travel and learn something new.
- Ready for relocation and new difficulties.

Experience

Projects in Sber:

- Wrote a model for classifying messages from Outlook (use Logistic regression).
- Used LAMA LightAutoML for classification dialogs.
- Collected a directory of synonyms for elastic. Parsed ru.wiktionary.org for dump.
- Use Pytorch model for classification images.
- Module for saving data from elastic to hive.
- S3 implementation in the project.
- Set up the gpu of stand.
- Wrote many Django Rest Api for website for dialog analysis.
- Many others (Monitoring Scripts, trainee training, work with pyspark, hive, sql, docker compose ...)

Projects Ecola 42:

- Implement Linear Regression, Logistic Regression and Perceptron on Python3.
- Sort two stacks with different algorithms of sort.
- Many others (look at my github)

Projects from my free life

- Writing website for video content use Django, FastApi, Redis, Elastic, Clickhouse, Docker, Kafka
- Wrote a chat-bot for communication (use model of deepavlov)
- Passed a course on NLP, Data Engineering (Hadoop), DS (coursera) and others
- Many others (look at my github)