Gleb Drozdov

https://drozdikgleb.github.io

WORK EXPERIENCE

2021, SEPTEMBER–PRESENT

Ozon

Machine Learning Engineer - Team Lead

* Implement several ML model for products matching with precision 95% and recall 25%
* Train and integrate in pipeline several NLP models (BERT, fasttext, BM25)
* Develop microservice architecture for real-time matching
* Implement algorithms for finding products which are not represented on the marketplace
pySpark, Hadoop, Kafka, Airflow, Grafana, PyTorch, NLP

2021, APRIL–AUGUST

Sberbank

Data Scientist

* Implement Recommendation System based on client-manager dialogs.
Python, Spark, NLP, BERTs, Topic Modeling

2020, SEPTEMBER–2021, APRIL

iPavlov

Data Scientist

* Classify banks chat-bot messages
* Apply Topic modeling to cluster messages which cannot be classified by existing classes
Python, NLP, BERTs, Topic Modeling

2020, FEBRUARY–SEPTEMBER

JetBrains

ML Engineering Intern

Data Science Team.
* Research GitHub issues landscape using Topic Modelling
* Implement tool which set tag/topic for files with source code
Python, NLP, Topic Modelling, BigARTM

2019, FEBRUARY–DECEMBER

JetBrains

Software Engineering Intern

PhpStorm Team.
*Develop HTTP Client plugin for IntelliJ-based products
* Implement inspections and quick fixes for PHPStorm
Java, Swing, TeamCity

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EDUCATION

2020 – 2022 **ITMO University (Saint-Petersburg, Russia)**
MASTER OF SCIENCE
Applied Mathematics and Information Science

2016 – 2020 **ITMO University (Saint-Petersburg, Russia)**
BACHELOR OF SCIENCE
Applied Mathematics and Information Science

PROJECTS

2021 **Brandy**
AI based platform for designing a logo and creating favorite brand. (Python, Pytorch, GANs, VAEs, Dall-E, Clip)

2021 **GPT-3 based Telegram bot**
Telegram bot which remembers the user's style and help them talk with friends. (Python, Pytorch, HuggingFace, ruGPT-3)

2020 **Graph convolution in GAN (paper)**
Apply graph convolution networks in GAN for dataset processing in classification tasks. (Python, PyTorch, PyTorch-Geometric, MiniZinc)

2019 **Stock prediction models**
Implement DL models, which predict stock prices for Russian companies, such as Sberbank, Gazprom. (Python, Tensorflow)

ACTIVITIES

2021-2022 **NLP course lecturer**
in ITMO and UNECON.