Alexey Gorbatovskiy

AG

Data Scientist

Reliable employee seeking junior Data Scientist position. Offering excellent communication and good judgment.

• Contact

📍 Saint-Petersburg

📞 +7-921-945-8425

✉ porsh-5@yandex.ru

🔗 github.com/Myashka

• Software

Python
●●●●●●●●○○ Good

PyTorch
●●●●●●●●○○ Good

Pandas
●●●●●●●○○ Good

SciPy
●●●●●●○○○ Average

NumPy
●●●●●●●○○ Good

SQL
●●●●●●○○○ Average

Docker
●●●●●○○○ Average

• Languages

Russian - Native
●●●●● Excellent

English - C2
●●●●● Excellent

• Skills

Teamwork
●●●●○ Very Good

Presentation skills
●●●●● Excellent

Time management
●●●●○ Very Good

Critical thinking
●●●●○ Very Good

• Work history

2022-10 - Current

MLE Laboratory Assistant

NCCR ITMO University, Saint-Petersburg
- Search and compilation of a dataset for segmentation and identification tasks
- R&D to improve segmentation results
- Setting up experiments for the identification problem
- Time series forecasting pipeline development

• Education

2019-09 - Current

Bachelor of Infocommunication Technologies: Applied Programming

ITMO University - Saint-Petersburg
- GPA: 4.95/5.00
- Head of the study group

• Projects

Neural Machine Translation   *June 2022*
- Text preprocessing;
- Encoder-Decoder architecture;
- LSTM-encoder;
- CNN-encoder;
- Attention with LSTM encoder with GloVe embeddings;
- PE with CNN encoder;
- Tensorboard tracking;

Atati Breackout Agent Training   *August 2022*
- Trained Dueling deep Q-learning agent with target network;
- Replay buffer;
- Frame-buffer;
- Image preprocessing;

IV ICT Hack   *May 2022*
- Made data mining;
- Tested baselines;
- Created NPL models for multiclass classification;
- BERT fine-tuning;
- Hyperparameters optimization;
- Created presentation and project protection;

Applied AI Challenge   *May 2022*
- Time series forcasting;
- Traditional time series analysis;
- Autoregression CatBoost model;
- Presentation and defense of research;

Convolutional VAE for CIFAR10 *August 2022*
- Convolutional VAE implementation;
- Manifold visualization;

Acrobot Agent Training   *August 2022*
- Trained A2C agent;
- Using 2 different models to actor and critic;

Poetry Generation   *June 2021*

- Text preprocessing;
- Onegin and Shakespeare based seq2seq models;
- LSTM encoder-decoder model;

SVM classification January *2021*
- SVM implementation;
- Sklearn pipeline;
- Hyperparameters experiments;
- Beautiful visualization;

Fake news Detection – student project   *March – June 2021*
- NLP model training for binary classification;
- Image2Text recognition;

• Certifications

2022-09	School at 11th International Young Scientists Conference in Computational Science
2022-08	Open Machine Learning advanced course by MIPT (self-studied)
2022-02	Open Machine Learning base course by MIPT (self-studied)
2022-07	Algorithms by CSC
2022-09	Basics of statistics by Bioinformatics Institute
2021-07	Neural Networks and Deep learning by DeepLearning.AI
2020-04	Image Processing by HSE
2022-08	Interactive SQL simulator
2021-08	OOP and design patterns in Python by Mail.ru and MIPT
2021-07	Diving into Python by Mail.ru and MIPT
2021-07	Python programming by Bioinformatics Institute
2022-06	Probability theory by CSC
2021-08	Mathematics and Python for DA by Yandex and MIPT

• Interests

Ex-leader of basketball team
Philosophy