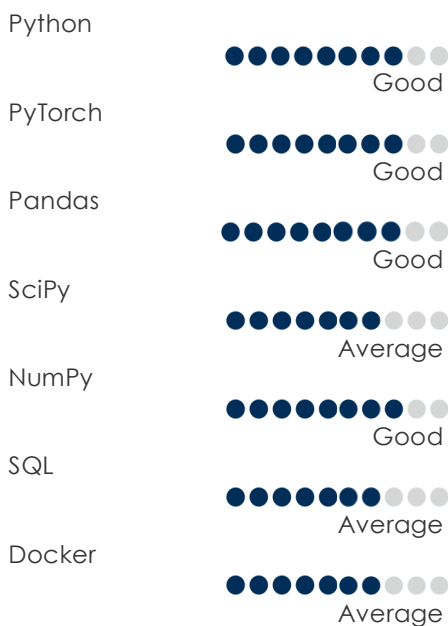# Alexey Gorbatovskiy

Data Scientist

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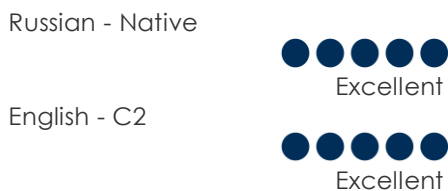
• Contact

📍 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 — ●●●●● Excellent

Critical thinking — ●●●●○ Very Good

• Education

2019-09 - Current

Bachelor of Infocommunication Technologies: Applied Programming

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

• Accomplishments

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

2022-08	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