Dmitry Barsukov

Contact Information	Residence: Russia — 19 y.o.	Email: riZZZhik@gmail.com (**preferred**) Phone: +7-921-948-2778 Telegram: @riZZZhik (**preferred**) Website: https://github.com/riZZZhik

Research Areas of Interest	Machine Learning; Deep Learning Model Optimization; Computer Vision; Speech Technologies
Languages	Russian (native); English (advanced)
Programming Skills	**Languages**: Python (advanced), Go (advanced), C/C++ (average) **Standard DL libraries**: PyTorch, TensorFlow, Keras **Optimization frameworks**: Torch compile, TensorRT, OpenVINO, Tritonlang, Triton Server **Technical skills**: OpenCV, Torchaudio, Docker, Kubernetes, Git, CI/CD, Observability, Linux

Employment and Experience

MTS AI June 2022 - Present
Senior Python Machine Learning Engineer

Development of a Text-to-Speech service that outperforms top competitors in the Russian language.
Main responsibilities: model inference optimization, deployment, and supporting business logic.
Technologies: Python, PyTorch, WandB / ClearML, Triton Server, Observability, Docker + Kubernetes, Git + CI/CD

SIRIN March 2021 - January 2022
Middle Python Machine Learning Developer

Development of a service using computer vision for automatic opening of car barriers.
Main responsibilities: researching model architectures, finding/generating datasets, training, and deploying models.
Technologies: Python, PyTorch, OpenCV, Docker + Kubernetes, OpenVINO + Triton Server, Observability (Grafana, Kibana, Prometheus), Git + CI/CD

ITMO University January 2020 - December 2020
Python Machine Learning Developer

End-to-end development of a service for building facade segmentation.
Technologies: Python, TensorFlow + Keras, OpenCV, Docker, Git

SPIIRAS August 2018 - October 2020
Junior, then Middle Python Machine Learning developer

End-to-end development of a service for recognizing the faces of employees.
Technologies: Python, TensorFlow + Keras, RealSense DepthCamera, OpenCV, Docker, Git

Education

Higher School of Economics — Moscow, Russia (Remote)
Applied Mathematics and Information Science. — September 2023 - Present
GPA: 6/10

St Petersburg University Academic Gymnasium — Saint-Petersburg, Russia
Faculty of Physics and Mathematics — September 2020 - June 2023