

MIKHAIL SALNIKOV

PERSONAL DATA

NAME: Mikhail Salnikov
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WORK EXPERIENCE

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|------------------------|---|
| 08/2021 - current time | Researcher, Artificial Intelligence Research Institute . AI for Bioinformatics. Sequence processing. |
| 08/2020 - 08/2021 | Junior Research-Engineer, ADASE group , Skoltech. Academic research. NAS and RL researches. |
| 03/2018 - 08/2020 | Data Scientist, Wallarm . ML and DL research and development in the cyber security area. Include production Machine Learning (KubeFlow, TensorFlow) |
| 02/2017 - 03/2018 | Data Scientist intern , Wallarm . ML and DL research and development in the cyber security area. |

EDUCATION

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| 06/2021 | MSc. Data Science Skolkovo Institute of Science and Technology GPA: 4.66 out of 5.0 (equal to 3.73 out of 4.0) |
| 07/2018 | B.S. Applied Mathematics and Information Technologies Mordovian State University |

PAPERS

Kornilova, Anatasiia, Mikhail Salnikov, Olga Novitskaya, Maria Begicheva, Egor Sevriugov, Kirill Shcherbakov, Valeriya Pronina, and Dmitry V. Dylov. [Deep learning Framework for Mobile Microscopy](#). 2021 IEEE 18th International Symposium on Biomedical Imaging (ISBI), 2021, pp. 324-328, doi: 10.1109/ISBI48211.2021.9434133. *My part of this project includes working on in-focus/out-of-focus images classification part.*

Trofimov, I., Klyuchnikov, N., Salnikov, M., Filippov, A., Burnaev, E. (2020). Multi-fidelity Neural Architecture Search with Knowledge Distillation. arXiv preprint [arXiv:2006.08341](https://arxiv.org/abs/2006.08341) (2020). *My part of this project includes the Knowledge Distillation parts experiments, including the first experiments on small datasets that were not included in the paper.*

Klyuchnikov, N., Trofimov, I., Artemova, E., Salnikov, M., Fedorov, M., Burnaev, E. (2020). NAS-Bench-NLP: Neural Architecture Search Benchmark for Natural Language Processing. arXiv preprint [arXiv:2006.07116](https://arxiv.org/abs/2006.07116) (2020). *My part of this project includes experiments, preparation of graph embeddings and search space evaluation.*