

NAZAR BEKNAZAROV

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EDUCATION

PhD Data Analysis in Biology and Medicine, Higher School of Economics

Moscow

2021 - Pres.

Working under supervision of [Maria Poptsova](#) and [Alan Herbert](#).

Master Data Analysis in Biology and Medicine, Higher School of Economics

Moscow

2019 - 2021

GPA: 8.3/10

Main courses: NGS, Molecular biology, Genomics, Genetics,
Medical statistics, ML in bioinformatics

Bachelor Applied mathematics and informatics, Higher School of Economics

Moscow

2015 - 2019

Main courses: Advanced ML/DL, Advanced statistics, Calculus, Bayesian methods,
Algorithms and data structures

SKILLS

Languages English, German, Russian

Comp. Languages Python, SQL, Bash

Analytics Math, Statistics, ML, DL

PUBLICATIONS

ADAR1 masks the cancer immunotherapeutic potential of ZBP1-driven necroptosis

[Nature](#)

Deep learning approach for predicting functional Z-DNA regions using omics data

[Nature](#), [Scientific reports](#)

Deep Learning Approach to Recognize Genome Functional Elements Using Diverse Genomic Data

[CEUR-WS](#)

EXPERIENCE

ML analyst and developer Yandex Advertisement

May 2020 - Pres.

I created and trained ML models for industrial advertisement moderation. For current business needs, I analyzed the suitability of the ML/DL model, integrated them into production, and supported the continued operation of the current ML solution. Developed and improved the advertising moderation system. Reduced the number of requests for support due to errors by more than 2 times in half a year

Researcher NRU HSE

2018 - Pres.

Research activities, teaching and public lectures

AI researcher Sberbank

Dec. 2018 - May 2020

Developed automated AI tool for big company. Significantly increased efficacy of manual employee error checks by using the data available about the employee. Developed an in-corporate Auto ML tool.

MISCELLANEOUS

- 3rd place at [IDAO](#) (Kaggle like competition)

Successfully predicted the demand for taxis at airports based on time series analysis

- Assistant teacher on Bayesian machine learning.
- Head teacher in math camp.
- Multiple internships and summer schools
- Awards at multiple olympiads