

# NAZAR BEKNAZAROV

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## EDUCATION

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**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

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**Languages** English, German, Russian

**Comp. Languages** Python, SQL, Bash

**Analytics** Math, Statistics, ML, DL

## PUBLICATIONS

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**Unpublished** ADAR1 masks the cancer immunotherapeutic potential of ZBP1-driven necroptosis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

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**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. I supervised solutions to a large tasks with other teams.

**Researcher** NRU HSE

2018 - Pres.

Research activities, teaching and public lectures

**AI researcher** Sberbank

Dec. 2018 - May 2020

Developing automated AI tool for big company

## MISCELLANEOUS

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- 3rd place at [IDAO](#) (Kaggle like competition)
- Assistant teacher on Bayesian machine learning.
- Head teacher in math camp.
- Multiple internships and summer schools
- Awards at multiple olympiads