

# Kristina Belikova

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*Moscow, Russia*

## Objective

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Data Scientist (ML/DL Engineer) with 3+ years of experience and interested in the integration of machine learning algorithms into real-world applications.

Scientific interests: deep learning, computer vision, image/video processing

## Key skills

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- Fundamental background in Mathematics;
- Python, SQL skills;
- Git, Docker, GPU, high performance computation;
- Experience with parallel programming, CUDA.
- Working knowledge of classical Machine Learning algorithms;
- Experience in Deep Learning and Computer Vision;
- Ability to analyze data, draw insights and prepare reports/presentations/publications;
- Experience working collaboratively with business representatives and industry experts;
- Experience in translating business needs into machine learning problems.

## Education

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### **Lomonosov Moscow State University (September 2012 — May 2018)**

Area of Study: Fundamental Mathematics and Mechanics

Specialty: Differential Equations

### **Skolkovo Institute of Science and Technology (September 2018 — May 2020)**

Area of Study: Mathematics and Computer Science

Specialty: Data Science

## Work experience

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### **Industrial project with Moscow State University of Medicine and Dentistry (June 2019 — August 2019)**

- Communication with medical experts and data gathering coordination;
- Ultrasound data processing;
- Implementation of automatic tracking algorithm for imaging the temporomandibular joint (TMJ) trajectory in ultrasound sequences in order to facilitate diagnosis and treatment planning in orthodontics practice.

#### **Results:**

- A new method for the assessment of the joint in motion was proposed and implemented.
- A patent application was submitted.

### **Innodata. Data Analyst (April 2017 — September 2018)**

- Development of mathematical models and implementation of machine learning techniques for business projects: classification, regression and optimization tasks, dynamic pricing, customer segmentation;
- Analysis and evaluation of complex datasets.

### **Technoserv Consulting. Junior Data Analyst (July 2016 — April 2017)**

- Application of machine learning algorithms to large-scale datasets for constructing analytic models (recommendation system);
- Providing concise data reports, and clear data visualizations.