

Kristina Belikova

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OBJECTIVE

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: data analysis, deep learning, computer vision, image/video processing.

SKILLS

- 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

MSc, Data Science June 2020
The Skolkovo Institute of Science and Technology, Moscow, Russia

Specialist, Mathematics June 2018
The Lomonosov Moscow State University, Moscow, Russia

PROFESSIONAL EXPERIENCE

Industrial medical project, The Skolkovo Institute of Science and Technology June 2019 – Aug 2019

- Communication with medical experts and data gathering coordination;
- Ultrasound data processing;
- Implementation of automatic tracking algorithm for imaging the temporomandibular joint 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.

Data Analyst, Innodata Apr 2017 — Sept 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.

Data Analyst (Junior), Technoserv Consulting July 2016 — Apr 2017

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