

Aleksandr Bogdanov

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Education

Physics and Mathematics Lyceum №239

Secondary School

- Weighted GPA on five-point scale: 4.71

Saint-Petersburg, Russia

Sept 2013 - June 2020

Moscow Institute of Physics and Technology (MIPT)

B.S. in Applied Mathematics and Physics

- Phystech-School of Applied Mathematics and Computer Science, direction «Applied mathematics and physics»
- Department of Intelligent Systems
- Weighted GPA on ten-point scale: 8.71

Moscow, Russia

Sept 2020 - June 2024

Yandex School of Data Analysis

Additional education

- Specialization «Machine learning developer»

Moscow, Russia

Sept 2023 - Present

Work Experience

Laboratory of mathematical methods of optimisation (MIPT)

Research scientist and assistant

- Writing research papers about mathematical methods of optimisation
- Assistant in the subject «Optimization Methods»

Moscow, Russia

Au 2023 - Present

Department of Mathematical Fundamentals of Control (MIPT)

Assistant

- Assistant in the subject «Theory and Implementation of Programming Languages»
- Assistant in the subject «Algorithms and Models of Computation»
- Assistant in the subject «Theory of algorithms and models of computation»
- Assistant in the subject «Optimization Methods»

Moscow, Russia

Sept 2022 - Present

Projects

Zero-order method Jaguar

Moscow Institute of Physics and Technology

- Research paper about zero-order optimization
- The paper is submitted for submission to the conference NIPS

Moscow, Russia

Feb 2023 - Present

SQL-database «Canteen»

Moscow Institute of Physics and Technology

- Creating my own SQL-database for the Canteen in MS SQL

Moscow, Russia

Sept 2020 - Dec 2021

Research visits

Management, information and optimisation named after B. T. Polyak

MIPT, HSE, MSU, Wildberries

- School on Optimisation Methods and Machine Learning, where the development of Boris Theodorovich Polyak's ideas in modern science was discussed

Nizhny Novgorod, Russia

July 2023

Skills

	<ul style="list-style-type: none"> Machine learning Reinforcement learning Time series Bayesian learning Recommendation Systems
Machine learning	
Programming	C/C++, Python, GO, SQL, SQL, assembler
Miscellaneous	Linux, \LaTeX , Microsoft Office, Git
	<ul style="list-style-type: none"> Numerical optimization Probability theory
Math	<ul style="list-style-type: none"> Linear algebra Mathematical analysis Mathematical statistics
Languages	English (C1), Russian (Mothertongue)

Achievements

2022	Scholarship , Excellent grades scholarship	MIPT
2022-2023	Scholarship , Abramov scholarship	MIPT
2024	Scholarship , Contribution to the development of numerical methods of optimization	MIPT
2024	Scholarship , Rudakov scholarship	MIPT
2024	Red diploma , Red bachelor's diploma	MIPT