

## PERSONAL INFO

Birth: November 22<sup>th</sup>, 1996 | Russia

## EDUCATION

### MOSCOW INSTITUTE OF PHYSICS AND TECHNOLOGY

Sep 2014 – present | Bachelor  
Cum. GPA: 8.8 out of 10

## SKILLS

### COMPUTER

Familiar with

LaTeX • C • C++ • Python

### LANGUAGE

Russian (mother tongue) • English (intermediate)

## RESEARCH

### FIELDS OF INTEREST

Optimization  
Randomized algorithms  
Machine Learning

### PAPERS AND PREPRINTS

- On the upper bound for the mathematical expectation of the norm of a vector uniformly distributed on the sphere and the phenomenon of concentration of uniform measure on the sphere (with E. Vorontsova and A. Gasnikov), arXiv:1804.03722 (2018)
- An Accelerated Directional Derivative Method for Smooth Stochastic Convex Optimization (with P. Dvurechensky and A. Gasnikov), arXiv:1804.02394 (2018)
- An Accelerated Method for Derivative-Free Smooth Stochastic Convex Optimization (with P. Dvurechensky and A. Gasnikov), arXiv:1802.09022 (2018)
- Stochastic Spectral and Conjugate Descent Methods (with D. Kovalev, E. Gasanov and P. Richtárik), arXiv:1802.03703 (2018)
- Accelerated Directional Search with non-Euclidean prox-structure (with E. Vorontsova and A. Gasnikov), arXiv:1710.00162 (2017)

### CONFERENCE TALKS AND POSTERS

- ISMP2018 | Bordeaux, 6 July, 2018 | Talk "An Accelerated Directional Derivative Method for Smooth Stochastic Convex Optimization"
- "Optimization at Work" | Moscow, 14 April, 2018 | Talk "An Accelerated Method for Derivative-Free Smooth Stochastic Convex Optimization"
- "Optimization and Big Data" | KAUST, 6 February, 2018 | Poster "Stochastic Spectral Descent Methods"
- "Optimization at Work" | Moscow, 27 October, 2017 | Talk "Accelerated Directional Search with non-Euclidean prox-structure"
- 60th Scientific Conference of MIPT | Section of information transmission problems, data analysis and optimization | Moscow, 25 November, 2017 | Talk "About accelerated Directional Search with non-Euclidean prox-structure"

## HONORS & AWARDS

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| Nov 2018 | Diploma of winner of the section of information transmission problems, data analysis and optimization at 60th Scientific Conference of MIPT |
| May 2017 | Third Prize at MIPT's Student Olimpiad in Mathematics   |
| Mar 2017 | First Prize at MIPT's Team Mathematical Tournament  |
| Dec 2015 | Third Prize at MIPT's Student Olimpiad in Mathematics   |
| Apr 2014 | Participant of Final Round of All-Russian Mathematical Olympiad (scored points: 28 out of 56)   |

## SUMMER SCHOOLS

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| Jun 2017 | Participant of Traditional Youth School "Control, Information and Optimization" |
| Jul 2015 | Participant of Summer School "Contemporary Mathematics" in Dubna                |
| Jul 2014 | Participant of Summer School "Contemporary Mathematics" in Dubna                |