

# RUSTEM ISLAMOV

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📍 Moscow, Russia

🔗 rustem-islamov.github.io



## EDUCATION

Bachelor of science in Applied Mathematics and Physics  
**Moscow Institute of Physics and Technology**

📅 Sept. 2017 — Jul. 2021

📍 Dolgoprudny, Russia

- Major: Data Science
- GPA for 7 semesters: 4.97/5.00 (9.32/10.00)

## RESEARCH INTERESTS

Optimization, Machine Learning, Federated Learning

## EXPERIENCE

Internship in Optimization lab

**Second-order methods for distributed optimization**

📅 Jul. 2020 - Dec. 2020.

📍 KAUST

- Supervisor: Peter Richtárik
- Paper on arXiv

Scientific paper

**Analysis of the ensemble of local models**

📅 Feb. 2020 - Jun. 2020

📍 MIPT

- Supervisor: Vadim Strijov
- Github

## EXTRA COURSES AND PROJECTS

Mathematics and Python for Data Analysis in Coursera

📍 Yandex

- Certificate

Introduction to Programming (C++) in Stepic

📍 Yandex

- Certificate

Project on Optimization Methods

📍 MIPT

- Implemented methods for improving the quality of classification models (LogisticRegression, SVM); methods for Trend Filtering
- Github

## TECHNICAL SKILLS

- Programming: Python, C/C++
- Scientific Libraries: NumPy, SciPy, pandas, matplotlib, scikit-learn, PyTorch
- Operating Systems: Windows, Linux
- Professional software: LATEX, Git
- Database: MS SQL

## SCHOLARSHIPS AND AWARDS

Abramov scholarship for 1-3 year bachelor students with the best grades

📅 2017-2020

📍 MIPT

Increased academic scholarship for 4 year bachelor students with the best grades

📅 2020

📍 MIPT

Prizewinner of Student Olympiad "I am a professional" in maths

📅 Apr. 2019

📍 Yandex

Prizewinner of Final Round of All-Russian Physics Olympiad

📅 Apr. 2016

📍 Sochi

Participant of Final Round of All-Russian Physics Olympiad

📅 2015, 2017

Prizewinner of many Russian and University school Olympiads in physics, astronomy and maths

📅 2013-2017

## LANGUAGES

- English (C1)
- Spanish (A1)
- Russian (Native)
- Tatar (Native)

## HOBBIES AND EXTRA ACTIVITIES

- Football, player of student team
- Basketball
- Making Olympiads for schoolchildren, preparation for the Olympiads in Naberezhnye Chelny