

# ELNUR GASANOV

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## EDUCATION

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**Master of Science in Computer Science**

2018 - Present

King Abdullah University of Science and Technology

**Bachelor of Science in Applied Mathematics and Physics**

2014 - 2018

Moscow Institute of Physics and Technology (State University), average grade 8.66/10

## PUBLICATIONS

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Elnur Gasanov, Konstantin Mishchenko, Peter Richtárik, "ADT SVRG: Asynchronous Delay-Tolerant SVRG", forthcoming

Dmitry Kovalev, Eduard Gorbunov, Elnur Gasanov, Peter Richtárik, Stochastic Spectral and Conjugate Descent Methods, NeurIPS 2018

Gasanov Elnur, Motrenko Anastasia, Creation of approximating scalogram description in a problem of movement prediction, Machine Learning and Data Analysis, Vol. 3, #2, 2017

## CONFERENCES AND WORKSHOPS

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KAUST-Tsinghua-Industry workshop on AI, KAUST, Saudi Arabia, 2019, Poster

Data Science Summer School, Paris, France, 2019, Poster

Optimization and Big Data, KAUST, Saudi Arabia, 2018, Poster

## RESEARCH INTERNSHIPS

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**Visiting MS student**

June 2019 - July 2019

University of Grenoble-Alpes, Laboratory Jean Kuntzmann

Together with Prof. Jerome Malick and postdoctoral fellow Franck Lutzeler, we worked on an asynchronous lock-free algorithm. Results are to be organized into a paper.

## HONORS AND REWARDS

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Enlarged state academic scholarship, 2017-2018

Abramov fund excellence scholarship, 2014-2017

Governors award, 2012-2014

Prize-winner of All-Russia Physics Olympiad (Regional step, Moscow region, 2012 - 2014)

Prize-winner of All-Russia Maths Olympiad (Regional step, Moscow region, 2012, 2014)

Prize-winner of All-Russia Economics Olympiad (Regional step, Moscow region), 2013

Prize-winner of competition "Future Scientists" (Moscow), physics section

## CO-CURRICULAR COURSES AND ACTIVITIES

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Deep Learning Nanodegree, Udacity, 2019

- Topics covered: PyTorch, Convolutional and Recurrent Neural Networks, GAN, Deployment using AWS
- Taught by Ian Goodfellow, Mat Leonard, Cezanne Comacho

C++ course White Belt, Coursera, 2018

- Topics covered: Functions and Containers, Classes, Exception Handling, Operator Overloading
- Taught by specialists from Yandex

Seminar Co-organizer, All hands meetings on Big Data Optimization, September 2019 - Present

- Co-organizer of a group seminar

## SKILLS

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<b>Mathematics</b>	Linear Algebra, Theory of Algorithms, Machine Learning, Deep Learning
<b>Programming</b>	C++, Python (NumPy, Matplotlib, PyTorch, Pandas), Matlab, Golang
<b>Tools</b>	MS Office, LaTeX, SQL Server
<b>Languages</b>	Russian C2, English C1

## EXTRA CURRICULARS AND HOBBIES

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Hobbies: Fitness, Volleyball, Windsurfing  
Volunteer: National Park Hunsrueck II, Deuselbach, Germany, 2017  
Volunteer: Environment and Legality at Vesuvio National Park, Ottaviano, Italy, 2016  
Volunteer: University "5top100" conference, 2016  
Volunteer: Promoting Biodiversity in Neckertal, Brunnadern SG, Switzerland, 2015