

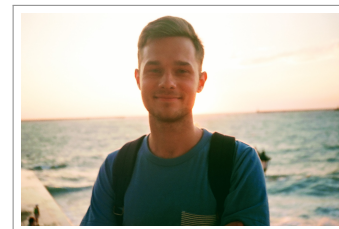
# Kirill Neklyudov

## Curriculum Vitae

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Born in 1993, 17 January



## Summary

I've graduated from Moscow Institute of Physics and Technology in 2016, and now I'm a fourth-year PhD student working with Dmitry Vetrov at [Bayes group, Moscow](#).

Currently, I'm focused on Bayesian methods, especially on MCMC sampling techniques. Generally, I'm interested in all fields of physics and mathematics.

## Publications

- Kirill Neklyudov, Evgenii Egorov, Dmitry Vetrov, *The Implicit Metropolis-Hastings Algorithm*, NeurIPS 2019.
- Kirill Neklyudov, Evgenii Egorov, Pavel Shvechikov, Dmitry Vetrov, *Metropolis-Hastings view on variational inference and adversarial training*, arxiv preprint.
- Kirill Neklyudov, Dmitry Molchanov, Arsenii Ashukha, Dmitry Vetrov, *Variance Networks: When Expectation Does Not Meet Your Expectations*, ICLR 2019.
- Kirill Neklyudov, Dmitry Molchanov, Arsenii Ashukha, Dmitry Vetrov, *Structured Bayesian Pruning via Log-Normal Multiplicative Noise*, NIPS 2017.

## Education

- 2016 – PhD student in COMPUTER SCIENCE  
(present) *Faculty of Computer Science*  
**Higher School of Economics**, Russia
- 2014 – 2016 Master's program in DATA SCIENCE  
*Big Data Department*  
**Yandex School of Data Analysis**, Russia
- 2014 – 2016 Master's degree in MATHEMATICS AND PHYSICS with honour  
*Faculty of Applied Mathematics and Control*  
**Moscow Institute of Physics and Technology**, Russia  
Thesis: «Ferro-alloy consumption optimization using historical data»
- 2010 – 2014 Bachelor's degree in MATHEMATICS AND PHYSICS with honour  
*Faculty of Applied Mathematics and Control*  
**Moscow Institute of Physics and Technology**, Russia  
Thesis: «Anomaly detection in discrete time series»

## Teaching experience

- Sep 2016 – Seminars on MACHINE LEARNING  
Dec 2018 *Faculty of Computer Science*  
**Higher School of Economics**, Russia
- Sep 2017 – Seminars on BAYESIAN METHODS IN MACHINE LEARNING  
Dec 2018 *Faculty of Computer Science*  
**Higher School of Economics**, Russia
- 2010–2016 **Physics, Math tutor**

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## Professional Experience

Apr 2018 – **Researcher** at [Samsung AI center](#)

(Present)

1. *Research topic: Optimization of the proposal distribution in the Metropolis-Hastings algorithm.*  
*Publication: [Metropolis-Hastings view on variational inference and adversarial training](#), preprint*
2. *Research topic: Metropolis-Hastings algorithm with implicit proposal.*  
*Publication: [The Implicit Metropolis-Hastings Algorithm](#), NeurIPS 2019*

Jan 2018 – **Researcher** at [Higher School of Economics](#)

(Present)

1. *Research topic: Looking for efficient variational approximations in Bayesian deep learning.*  
*Publication: [Variance Networks: When Expectation Does Not Meet Your Expectations](#), ICLR 2019*

Apr 2017 – **Researcher** at [Yandex](#)

Jan 2018

1. *Research topic: Bayesian Sparsification of Deep Neural Networks.*  
*Publication: [Structured Bayesian Pruning via Log-Normal Multiplicative Noise](#), NIPS 2017*

June 2014 – **Data Scientist** at [Yandex](#)

Mar 2017

1. *Research topic: rock samples segmentation via Deep neural Networks.*  
*Responsibilities: problem statement, developing and evaluating predictive models, prototyping the solution.*
2. *Research topic: steel making process optimization.*  
*Responsibilities: problem statement, developing and evaluating predictive models, prototyping the solution. Service development and testing.*  
Links:
  - [MMK press center](#)
  - [YDF press center](#)
3. *Research topic: GPS tracks classification.*  
*Responsibilities: problem statement, developing and evaluating predictive models, prototyping the solution.*

Nov 2013 – **Intern** at [Yandex](#)

June 2014

1. *Research topic: anomaly detection in flights time series.*  
*Responsibilities: problem statement, developing and evaluating predictive models, prototyping the solution.*

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## Programming skills

Python with DS libraries: PyTorch, TensorFlow, pandas, numpy, scikit-learn, scipy, theano, lasagne, keras, spark

Production languages: C, C++, Java

Scientific languages: Matlab, R

Other tools: Vowpal Wabbit, xgboost, Hadoop

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## Internet Profiles

Scholar [Kirill Neklyudov](#)

LinkedIn [Kirill Neklyudov](#)

Github [necludov](#)