

NADYA VORONOVA

Boston, MA, USA

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EDUCATION

PhD <i>Computer Science</i> Boston University <ul style="list-style-type: none">Academic interests: algorithms design, theoretical CSDean's Fellowship Recipient	Sept. 2019 – present Boston, MA, USA
Master degree <i>Theoretical Computer Science</i> Saint Petersburg Academic University <ul style="list-style-type: none">Thesis: Algorithms for the problem of certain specific graphs coloring	Sept. 2016 – July 2018 Saint Petersburg, Russia
Bachelor degree <i>Applied Mathematics</i> Lomonosov Moscow State University <ul style="list-style-type: none">Thesis: Universal functions with two arguments	Sept. 2012 – July 2016 Moscow, Russia

HONORS AND AWARDS

Early-career AMS-NSF-Simons-ICM Travel Grant and Kovalevskaya Grant	2022
Invited participant for the Grad Cohort for Women Workshop	2022
Invited participant for the Grad Cohort Workshop for IDEALS	2022
Grace Hopper conference award, Boston University	2020
Invited participant for the Swiss Winter School on Theoretical Computer Science	2020
Boston University Dean's Fellowship	2019
Invited participant for the ICALP	2018

TEACHING EXPERIENCE

Teaching Fellow for "Algorithmic Techniques for Taming Big Data" Boston University	Fall 2021 Boston, MA
Teaching Fellow for "Theory of Computation" Boston University	Spring 2021 Boston, MA
Grader for "Advanced Algorithms" Boston University	Fall 2020 Boston, MA
Teaching Fellow for "Theory of Computation" Boston University	Spring 2020 Boston, MA
Private Tutor for high-school students in Math and CS	2012 - 2018 Russia

PUBLICATION

Existence of Universal Functions for the Class of Linear k -Valued Functions with Moderate k
Voronenko, A.A., Voronova, N.K., Il'yutko, V.P., *Comput Math Model* (2017) 28: 78.

WORK EXPERIENCE

Software Engineering Intern

May 2020 – August 2020

Google LLC

Remote

- Worked on improving the performance of distributed learning in TensorFlow
- Performed experiments on a distributed system to compare the ways to change current implementation
- Sped up the performance of collectives 4 times

Data Engineer

January 2019 – August 2019

Glowbyte Consulting

Moscow, Russia

- Developed ETL pipelines between DWH and data marts for one of the biggest banks in Russia (top-3)

SKILLS

Languages: Russian (Native), English (Advanced), Spanish (A1)

Programming: C, C++, Python