

# Nadezhda Voronova

Boston, MA  
USA

✉ [voronovank@gmail.com](mailto:voronovank@gmail.com), [voronova@bu.edu](mailto:voronova@bu.edu)  
🌐 <https://cs-people.bu.edu/voronova/>



## Education

- 2019–present **PhD program**, *Computer science*, Boston University, Boston, MA.
- 2016–2018 **Master's program: Theoretical Computer Science**, *Department of Mathematics and Information Technology*, St Petersburg Academic University, Saint Petersburg.  
*Master's degree*
- 2012–2016 **Department of Mathematical Cybernetics**, *Faculty of Computational Mathematics and Cybernetics*, Lomonosov Moscow State University, Moscow.  
*Bachelor's degree*

## Interests

- Algorithms in general, property testing, sublinear algorithms, algorithms for NP-hard problems
- advisor Sofya Raskhodnikova

## Master thesis

- title *Algorithms for the the problem of coloring some families of graphs*
- advisor Alexander S. Kulikov
- description Describes exact algorithms for 3-coloring and 4-coloring for several specific classes of graphs.

## Bachelor thesis

- title *Universal functions with two arguments*
- advisor A.A. Voronenko
- description Describes the construction of discrete functions which, by some of their values, specify (generate) arbitrary linear k-valued functions.

## Publications

"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

- December 2018 - August 2019 Junior ETL Developer at «Glowbyte Consulting»

July 2017 - Laboratory assistant at the Laboratory of Algorithmic Methods at PDMI RAS  
December  
2017

## Schools and conferences

- 2018 [ICALP](#), Prague, Czech Republic
- 2018 [Summer School on Algorithms and Lower Bounds](#), Prague, Czech Republic
- 2018 [Recent Advances in Algorithms](#), Saint Peterburg, Russia
- 2017 [Recent Advances in Parameterized Complexity](#), Tel Aviv, Israel
- 2017 [Swedish Summer School in Computer Science](#), Stockholm, Sweden
- 2017 [Recent Advances in Algorithms](#), Saint Peterburg, Russia

## Languages

- Russian native
- English Upper Intermediate, TOEFL score 104