

ANTON ABLOV

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WHO AM I?

I am student, currently finishing my masters. My main interests are math and programming. So, my skills correspond to these topics – I have an experience in various programming languages like C++, Haskell, Python, which I use to write some math (and other) projects, for example fluid modeling. I'm like to learn new things, especially if they are applicable and difficult simultaneously.

EXPERIENCE

Jul-Oct 2020	Haskell developer I was a back-end developer in project «Hypermathica» (7.math.ru) – an online educational platform for school children.	National center for continuous science education
Jul 2019 – Jun 2020	Methodist I worked at content part for an online educational platform for school children (7.math.ru). Big part of my work was also writing scripts on Python, which help to automatize different tasks.	National center for continuous science education
Jun-Aug 2018	C++ developer (Internship) I was part of a team that developed a program that simulated fiber structures for the needs of textile companies. The project was leaded by Dr Julia Orlik (julia.orlik@itwm.fraunhofer.de).	Fraunhofer Institute, Kaiserslautern
2016 – 2020	Mathematics and programming teacher For five years in Delta I taught several mathematical courses, such as «Introduction into the Group Theory», «Topology», «Stories about Infinite numbers», «Paradoxes of Set Theory» and etc. In addition, I made several projects with the students, written in various programming languages, for example: <ul style="list-style-type: none">- maze generator, written in Python;- physical processes simulation (for instance 2D fluid flow) written in Python and C++;- electromagnetic field visualization written in Haskell + OpenGL;	Delta Summer Camp, Munich delta.camp
2015 – 2019	Mathematics teacher I tell additional chapters of mathematics in the school, such as linear algebra, group theory and probability.	Education Community "2x2" mathbaby.ru

EDUCATION

2020–2022	Master's Degree My main field is algebraic topology and I am currently working on my master's thesis «Formality and coformality in rational homotopy theory». In addition I'm interested in algebra and logic, especially in homotopy type theory.	The Rhenish Friedrich Wilhelm University of Bonn mathematics.uni-bonn.de
2015–2019	Bachelor's Degree At the department of general mathematics, I was engaged in topological and metric spaces researches. My bachelor thesis is «Fixed points and coincidences of ultrametric and some quasi-isometric spaces mappings».	Lomonosov Moscow State University Faculty of Computational Mathematics and Cybernetics.

LANGUAGES

Russian - native
English - advanced

SKILLS

C++ 17, Haskell, Python,
Git, Latex

HOBBIES

My main hobbies are programming, teaching and music. As a programmer, I like sometimes to write small projects (on C++ or Haskell), related to math or gaming. As a teacher, I enjoy finding a way to tell people complicated things (like topology or algebra) in simple way. Finally, I am a musician and composer, I play piano, synths, and electric guitar. For several years I played in hard/progressive rock band.