Dmitry Grishchenko Ivanovich | Ph.D.

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Education

Université Grenoble Alpes	**Grenoble**

Ph.D. in Applied Mathematics — *Oct. 2017 – Nov. 2020*
Subject: *Distributed Optimization for Large-Scale Problems*
Supervisors: *F. Iutzeler (UGA), M.-R. Amini (UGA), J. Malick (CNRS and LJK)*

Higher School of Economics	**Moscow**

M.Sc. in Applied Mathematics — *Sept. 2015 – June 2017*
Thesis: *Minimal Mutual Information Model Problem*
Supervisor: *A. Gasnikov (MIPT)*

Higher School of Economics	**Moscow**

B.Sc. in Mathematics — *Sept. 2011 – June 2015*
Thesis: *Lattices, Sphere Packing and Number Theory*
Supervisor: *A. Zykin (HSE)*

Working Experience

Google	**Munich**

SWE-SRE — *Jan. 2023 – Now*
Space-Control SRE (ex-Resource SRE) team
Working on the reliability of inner services, defining SLOs, adding monitoring, communicate with other teams. Developing services that help customers to use less resources. Designing and running production experiments to check the way possible outages can affect customers)

Yandex	**Moscow**

Senior Software Engineer — *Nov. 2021 – Dec. 2022*
Taxi-graph team
SQL-like data analysis, developing drivers' positions predictions, creating quality metrics

Huawei	**Moscow**

Senior Algorithm Engineer (Team Leader) — *Feb. 2021 – Nov. 2021*
PCB design software
Leading the Layout PCB team. Writing the geometrical library on C++.

Huawei (as contractor)	**Moscow**

Senior Engineer — *Aug. 2020 – Feb. 2021*
PCB design software
Writing the geometrical library on C++.

Université Grenoble Alpes	**Grenoble**

Teaching assistant — *Sept. 2018 – May 2020*

- o 2019–2020
  - Matrix Analysis and Numerical Optimization (20h)
  - Optimisation Numérique (30h)
- o 2018–2019
  - Matrix Analysis and Numerical Optimization (20h)
  - Convex and Distributed Optimization (20h)
  - Optimisation Numérique (20h)

Altium **Moscow**
Software Developer *Jan. 2016 – Sept. 2017*
PCB design software
Writing the topological tracer library on C++. Establishing and maintaining geometric library. Working with Boost C++ library, unit-tests.

Citibank **Moscow**
Intern in Decision Management Unit *July 2014 – Feb. 2015*
Help in creating new products passports
Maintaining an online passports creator via MS Sharepoint and SQL.

The Tournament of Towns **Moscow**
Mathematical Olympiad Works Inspector *Oct. 2011 – May 2015*
Check the correctness of the solutions
Reading and assessing the works of the high school students.

Languages

Russian: Native

English: C1

German: A2

Chinese: A2

French: A1

Programming skills

C++: STL, Boost

Python: numpy, spark, mpi4py, scipy,...

other: **Go**,**Julia**, **LATEX**, **Markdown**, **SQL**

Personal skills

Leadership, communication, decision-making, problem-solving, teamwork, integrity, flexibility.

Hobbies

In free time I like to solve different logic puzzles. I was a member of Russia main team in the World Championships $2016 - 19$. Winner of two Russian Puzzles Championships $2015, 2017$, Moscow Cup 2017, and CIS Puzzles Championship 2018. I am also interested in playing Russian and International checkers, where I achieved the title of Candidate Master of Sports. I also like hiking, snowboarding, swimming, and playing football and basketball.