ALEXEY GORELOV

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EDUCATION

Ph.D. in Mathematics (incomplete)   October 2021 — September 2022

Steklov Mathematical Institute of Russian Academy of Sciences

M.Sc. in Mathematics (with excellence)   September 2019 — June 2021

Faculty of Mathematics,
National Research University Higher School of Economics

Specialist's degree in Applied Mathematics and Informatics   September 2010 — June 2015

Faculty of Computational Mathematics and Cybernetics,
Lomonosov Moscow State University

WORK EXPERIENCE

Research assistant, Steklov Mathematical Institute of Russian Academy of Sciences   October 2021 — September 2022

Research assistant at the Department of Geometry and Topology

Visiting scholar, National Research University Higher School of Economics   January 2021 — April 2021

Conducting seminars for the course "Linear Algebra" for 1st year undergraduate students,
Graduate School of Business,
National Research University Higher School of Economics

Visiting scholar, National Research University Higher School of Economics   September 2019 — December 2019

Conducting seminars for the course "Algebra and Geometry" for 1st year undergraduate students,
Graduate School of Business,
National Research University Higher School of Economics

Data scientist, Mail.ru Group   September 2015 — October 2019

Data analyst and data scientist in Mail.ru Search.

My job duties included performing a wide range of analytical and data science tasks for several product teams (Mail.ru Search, browser and some other desktop applications):

- Forecasting financial and audience metrics (LTV, ROI, retention, revenue, market share, etc).
- Performing ad hoc analytical tasks (investigating reasons for KPI changes, carrying out requests for specific audience research).
- Planning and conducting A/B tests.
- Developing and maintaining a big data ETL system (which processed on a Hadoop cluster about 100Tb of data daily) to compute and forecast financial and audience metrics.

PROFESSIONAL SKILLS

Programming languages

Working knowledge: Python, Java, bash, C, Emacs Lisp
Basic knowledge: C++, Matlab, R, Go, Kotlin, C#

Software and technologies

GNU/Linux (I've been working with GNU/Linux since 2008), Python scientific stack (numpy, scipy, sympy, matplotlib), Hadoop, Matlab, VCS

Languages

Russian: native speaker
English: upper intermediate
French: elementary