



# Daniil Kopytov

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## EDUCATION AND ACADEMICS

Dec 2020 – exp. 2024	<b>National Research University Higher School of Economics</b> <i>Bachelor of pure Mathematics, Faculty of Mathematics</i>	Moscow, Russia
Sep 2019 – Dec 2020	<b>National Research University Higher School of Economics</b> <i>Bachelor of pure Mathematics and Pedagogics, Joint Bachelor's Programme with the Centre for Teaching Excellence</i>	Moscow, Russia
Sep 2018 – May 2019	<b>National Research University Higher School of Economics</b> <i>Bachelor of applied Mathematics, Tikhonov Moscow Institute of Electronics and Mathematics</i>	Moscow, Russia
Apr 2015 – May 2018	<b>Kirov Lyceum of Physics and Mathematics</b> <i>Specialization: Mathematics</i>	Kirov, Russia

## HONORS AND AWARDS

- 2018 – Medalist of the “Phystech” Olympiad in Mathematics
- 2017, 2018 – Participant of regional stage of all - National Olympiad of schoolchildren

## EMPLOYMENT EXPERIENCE

Dec 2021 - now	<b>MTS Big Data</b> <b>Data analyst</b> <ul style="list-style-type: none"><li>Creation of Data Base using Pyspark, SQL</li><li>Responsibility for DQ (added PSI-checks)</li><li>Different Ad-hoc Problems Solving for TOP-10 Banks and TOP-5 E-com Companies</li><li>10 Model pipeline debugging</li></ul>	Moscow, Russia
Apr 2021 - Dec 2021	<b>National Research University Higher School of Economics, Faculty of Computer Science</b> <b>Teaching assistant (Linear Algebra, Advanced Calculus, Discrete Maths)</b> <ul style="list-style-type: none"><li>Assistance for educational process</li><li>Preparation of homework</li><li>Checking and evaluation of homeworks and exams</li></ul>	Moscow, Russia
Jan 2021 – Dec 2021	<b>On-line School “Impuls”</b> <b>Tutor</b> <ul style="list-style-type: none"><li>Teaching Mathematics for pupils and undergraduates</li><li>Preparation of a report on the lessons conducted</li><li>Checking the tasks and the Olympiad jointly with a team of teachers</li></ul>	Moscow, Russia

## ACTIVITIES & TRAINING

- 2021 – Volunteer at the Preparation to the National Olympiad in Mathematics (School 444)
- 2020 – Volunteer at the Admission Test in Moscow State 57-th School
- 2019-2020 – Volunteer at Different Olympiads in Mathematics

## SKILLS

<b>Language skills:</b>	<ul style="list-style-type: none"><li>English – Upper Intermediate</li><li>Russian – Native</li></ul>
<b>Computer skills:</b>	<ul style="list-style-type: none"><li>Python for ML/Big Data (pyspark, numpy, pandas, sklearn, pytorch, CatBoost)</li><li>Advanced SQL (window, partitioning)</li><li>Git, bash, vim</li><li>MS Office, LaTeX, Atlassian</li></ul>
<b>Skills for ML</b>	<ul style="list-style-type: none"><li>Pure and Applied Mathematics (Probability Theory, Statistics, Measure Theory)</li><li>ML, Fundamentals of DL (FC, Convolutional, Resnet, U-net architectures)</li></ul>