SAPOZHNIKOVA DARIA

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EDUCATION

Tsinghua University, Beijing *2022 - 2024*
Master's degree in Computer Science

National Research University "Higher School of Economics", Moscow *2018 - 2022*
Bachelor's degree in Applied Mathematics and Information Science, Cummulative GPA – **8.82/10**

Relevant courses:

Computer Science: Algorithms and Data Structures; C++ programming; Computational Photography; Computer architecture and operation systems; Deep Learning; Machine Learning; Large-Scale Machine Learning; NLP; Python programming, Reinforcement Learning

Mathematics: Algebra; Bayesian methods; Calculus; Discrete mathematics; Combinatorial optimization, Differential equations; Linear algebra; Probability theory, Theory of computation,

Minor: Bioinformatics

PROJECTS

Img2Img Translation for Mobile Devices Russia, NRU "HSE" Samsung AI, 2021-2022

The project aims at developing the method of image inpainting that captures the image parameters of the author's brush strokes and transfer them to the generated image.

Neural Language to Machine Learning Russia, NRU "HSE", 2020-2021
The project is based on analyzing program code using natural language word processing techniques for developing a NL2ML corpus.

Traffic Modeling on Complex Road Interchanges NRU "HSE" & "1C", 2019-2020
The project aims at developing a streaming transport motion simulation mathematical model with bandwidth calculation for road interchanges.

Semantic Atlas of Human Cerebral Cortex Sochi, "Sirius" & "Yandex", Summer 2016
The project aims at developing an interactive 3D semantic map of brain cortex, based on detection of the change in activity of neurons

WORK EXPERIENCE

Internship Russia, "Yandex", 2022
Machine Learning Intern, Commercial scenario quality group

Teaching Assistant Russia, NRU "HSE", 2019-2020
"Discrete Mathematics" 1 and "Algorithms and Data Structures 2"

PUBLICATIONS

Semantic Code Classification for Automated Machine Learning

Polina Guseva, Anastasia Drozdova, Natalia Denisenko, Daria Sapozhnikova, Ivan Pyaternev, Anna Scherbakova, Andrey Ustuzhanin

New In ML workshop at NeurIPS'21

SKILLS

Programming Languages:	C/C++, Python, SQL
Languages:	Native Russian, C1 English
Other:	LaTeX

ACHIEVEMENTS AND AWARDS

Final of All-Russian Olympiad in Mathematics
Member of Moscow Team; Honorable Mention 2018

"Higher League" University Student's Olympiad held by HSE
1st degree award in Computer Science 2021

Regional Level of All-Russian Olympiad
Prizewinner in Mathematics 2015 - 2018
Prizewinner in Physics 2018

"Lomonosov" Olympiad held by MSU
1st degree award in Mathematics and Physics 2018
1st degree award in Mathematics 2017

EXTRA-CURRICULUM

Member of jury at the Regional Level of All-Russian Olympiad 2019, 2020

Member of jury at Moscow Mathematical Olympiad 2019

Volunteered at "Mathematical Holiday" Olympiad 2019

Attended course "Additional Chapters of Discrete Mathematics" (2018-2019)

Attended course "Introduction to Communication Theory" Summer (2019)

Participated in "Combinatorics and Algorithms" Camp organised by MIPT, 1st degree prizewinner in local olympiad (2017)

Participated in Google Get Ahead: EMEA 2020, 2021

Attending course "Additional Chapters of Probability Theory" (2020)

Attending course "Theory of computation" (2020)

Member of the "Association of Intellectual Clubs" from 2017 to 2022

Pursued Latin as third language during secondary school from Grade 6 to Grade 7

Pursued Chinese as third language during high school from Grade 10 to Grade 11