

SAPOZHNIKOVA DARIA

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EDUCATION

National Research University "Higher School of Economics", Moscow *2018 - 2022*
Bachelor in Applied Mathematics and Information Science, Total GPA – **3.9/4** Relevant courses:

Computer Science: Algorithms and Data Structures; C++ programming; Computer architecture and operation systems; Machine Learning; Python programming

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

Minor: Bioinformatics

Moscow State University Gymnasium , Moscow *2016 - 2018*
High School, Specialisation is Mathematics, Physics & Computer Science; Cumulative GPA – **5.0/5.0**

EXPERIENCE

Semantic Atlas of Human Cerebral Cortex Sochi, "Sirius" & "Yandex", Summer 2016
The project aims at developing an interactive 3D-map of brain cortex, based on detection of the change in activity of neurons, while the researched person is listening to a structured text, via fMRI and comparing active areas to semantics of the text

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

Teaching Assistant for Discrete Mathematics 1 Russia, NRU "HSE", 2019-2020

Teaching Assistant for Algorithms and Data Structures 2 Russia, NRU "HSE", 2020

SKILLS

Programming Languages: C/C++, Python, SQL
Languages: Native Russian, C1 English
Other: L^AT_EX

ACHIEVEMENTS AND AWARDS

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

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 of Regional Level of All-Russian Olympiad 2019, 2020

Member of jury of 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 2017 organised by MIPT, gaining a 1st degree in local olympiad

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

Attending course "Theory of computation" (2020)

Member of the "Association of Intellectual Clubs" from 2017 to 2019

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