Natalia Strekalovskaya

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Education

Higher School of Economics   September 2020 – expected June 2024
BS in Applied Mathematics and Computer Science, GPA: 6.04/10
- **Coursework:** C ++ development basics, Algorithms and Data Structures, Linear Algebra and Geometry, Discrete Mathematics, Mathematical Analysis, Calculus

Personal Projects

Calender with notes | *C#*   Autumn 2019

- Developed graphical user interface and logic for the calender and daily notes using Windows Forms

- Processed user's actions and validated input data

6 handshakes theory check in VK | *Python3*   Spring 2018
- Used VK Open API to check the distance between 2 users

- Developed graphical user interface for the user data

Competitive programming

Google Code Jam to I/O for Women   2019
finalist – 87th place of about 1100 participants

Open Olympiad of Informatics   2018 – 2019
silver medal - 50th place of more than 2000 participants

Technocup   2018 – 2019
bronze medal – 54th place of more than 7000 participants

Russian Olympiad of Informatics   2017 – 2018
finalist – 115th place of more than 30000 participants

Russian Olympiad of Informatics   2018 – 2019
finalist – 119th place of more than 30000 participants

All-Russian Olympiad of Computer Science "Vysshaya Proba"   2017 – 2018
gold medal - 1st place of about 2000 participants

Technical Skills

Languages: C++, Python3
Software and Tools: Latex, Visual Studio, Wing IDE

Achievements

Mathematics: finalist of All-Siberian Open Olympiad (silver medal 2016, gold medal 2017), All-Russian Olympiad of Maths "Vysshaya Proba" (silver medal 2017), Third Millenium (silver medal 2016, bronze medal 2017, silver medal 2018), participant of summer maths schools, where learn both olympiad's problems and the science.

Education: Moscow Workshop Juniors 2018, programming camp based on MIPT;   Summer Informatics School 2017, 2018;   Informatics School "Perspective"; SFU Science Schools; Educational Center Sirius 2018. In all camps learned advanced algorithms and data structures, had daily contests.

Teaching: Summer Informatics School 2019, 2019.Winter, 2020.Winter. Lectured every 3-4 days, prepared contests, organised schoolchild's leisure.

Volunteering: have helped in organization of Russian Olympiad and Open Olympiad in Informatics.