

# Aleksei Lesnik

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## Software Engineer · Backend · Highload

### Education

- 2017–2019 **School**, Mathematics and Informatics class at SPSU.  
Final Exams(Mathematics  $\frac{99}{100}$ , Informatics  $\frac{97}{100}$ )
- 2019–2023 **Bachelor, Modern Programming in SPSU**, [link](#), Saint-Petersburg, I was  $\frac{15}{1295}$ .  
C++, Algorithms, Mathematical analysis, Algebra, Code Review, Discrete Math

### Summer and Winter Schools

- Winter 2019 **Summer Informatics Camp**, Algorithms and Data Structures.
- Summer 2018 **Summer Informatics Camp**, Algorithms and Data Structures.
- Summer 2018 **School Olympiad Prep**, Olympiad Algorithms and Data Structures.
- Summer 2017 **School Olympiad Prep**, Olympiad Algorithms and Data Structures.
- 2016–2019 **ITMO Programming Section**, Algorithms and Data Structures.

### Olympiads and Competitions

- 2017 **First Tech Challenge Russia**, [First FTC](#), Inspire Award.  
I programmed the entire robot and 3D-modelled some parts of robot
- 2018 **First Tech Challenge Russia**, [First FTC](#), Design Award, Winning Alliance Captain.  
I programmed and 3D-modelled again and controlled the robot on a field
- 2019 **Moscow Olympiad in computer science**, [link](#), First degree [diploma](#)  $\frac{11}{435} \cdot \frac{435}{2000+}$ .  
On this Olympiad I realized Algorithms, Hill Climbing and Genetic algorithm
- 2019 **SPSU Olympiad in computer science**, First degree [diploma](#)  $\frac{15}{258} \cdot \frac{258}{2000+}$ .  
On this Olympiad I coded Discrete geometry and different Data Structures
- 2019 **Open Olympiad in Cognitive Technology Programming**, First degree [diploma](#)  $\frac{17}{273} \cdot \frac{273}{523}$ , I programmed many Data Structures and algorithms..
- 2019 **Individual Olympiad in computer science and programming**, [link](#), Third degree [diploma](#)  $\frac{87}{339}$ , I programmed many Data Structures and algorithms.
- 2019 **ITMO Olympiad in computer science**, [link](#), Third degree [diploma](#)  $\frac{159}{900} \cdot \frac{900}{2932}$ .  
I solved the problems by Theoretical Computer Science
- 2018 **ITMO Olympiad in computer science**, [link](#), Third degree [diploma](#)  $\frac{97}{458} \cdot \frac{458}{1633}$ .

### Technical skills

- Languages C++, C, Python, Julia,  $\LaTeX$
- Tools STL, GitHub, SVN, QT, OpenCV, Creo Parametric (3D modeling)

### GitHub

- GitHub [My code examples](#)

### Languages

- Russian Fluent
- English Low intermediate