Aleksei Lesnik

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Robotics · MachineLearning

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	**Yandex ML School in Sirius Education Center**, *Introduction*. kNN, Regression, Computer Vision
Summer 2019	**JetBrains ML Summer School**, Introduction, link. kNN, SVN, Regression, Decision tree, Hill Climb, Genetic algorithm, DL, RL

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 Aliance 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 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 algorithm..
2019	**Individual Olympiad in computer science and programming**, link, Third degree diploma $\frac{87}{339}$, I programmed many Data Structures and algorithm.
2019	**ITMO Olympiad in computer science**, link, Third degree diploma $\frac{159}{900} \cdot \frac{900}{2932}$. I solved the problems by Theoretical Computer Scince
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