

# Bogdan Semenov

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**Github Link:** [github.com/BogdanSemenov](https://github.com/BogdanSemenov)

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EDUCATION	<p>Moscow Institute of Physics and Technology, MIPT, Moscow, Russia Department of Applied Maths and Computer Science Bachelor's in Applied Mathematics and Physics September 2018 - Present</p> <p>GPA: 7.1/10.0</p>		
TECHNICAL SKILLS	<p><b>Programming Languages:</b> C++, Python <b>Database:</b> PostgreSQL <b>Languages:</b> Russian(native), English(intermediate) <b>Development Tools:</b> Git, Linux Shell, Docker, GitHub</p>		
PROJECTS	<p><b>Telegram "C++ Quiz" Bot</b></p> <p>A Python-based telegram bot that parses CppQuiz.org and gives the piece of C++ code. Users should find and identify kind of mistakes (Compilation Error, Undefined Behavior, Implementation-defined / Unspecified Behavior) otherwise print the correct answer. Bot is deployed on Heroku.</p> <ul style="list-style-type: none"><li>• <b>Technology/Tools:</b> Python, BeautifulSoup, API, requests library, Heroku server.</li><li>• <b>Link:</b> GitHub: <a href="https://github.com/BogdanSemenov/CppQuizBot">github.com/BogdanSemenov/CppQuizBot</a> , Telegram : <a href="https://t.me/QuizCppBot">t.me/QuizCppBot</a> .</li></ul> <p><b>Data Science Hackaton Project</b></p> <p>Our team conducted analytics of possible territorial locations of distribution points of internet orders and identified the most effective ones. We made the forecast for the number of distributions in the proposed location. Our team took ~ 20th/50 place.</p> <ul style="list-style-type: none"><li>• <b>Technology/Tools:</b> Python, NumPy, Pandas, sklearn, matplotlib, seaborn.</li><li>• <b>Link:</b> GitHub: <a href="https://github.com/BogdanSemenov/HackAndChange">github.com/BogdanSemenov/HackAndChange</a> , Hackaton website : <a href="https://1.challengellege.com/hacknchange">1.challengellege.com/hacknchange</a> .</li></ul> <p><b>Algorithms &amp; Data Structures</b></p> <p>Practice of Algorithms and Data Structures course.</p> <ul style="list-style-type: none"><li>• <b>Technology/Tools:</b> C++.</li><li>• <b>Link:</b> GitHub: <a href="https://github.com/BogdanSemenov/MIPT_CPP">github.com/BogdanSemenov/MIPT_CPP</a>.</li></ul> <p><b>Recognition Handwritten Numbers</b></p> <p>A Python-based small neural network project. This neural network is possible to recognize numbers that you wrote on paper with 98% accuracy. I used the MNIST handwritten digit dataset and Tariq Rashids book "Make Your Own Neural Network".</p> <ul style="list-style-type: none"><li>• <b>Technology/Tools:</b> Python, NumPy, SciPy.</li><li>• <b>Link:</b> GitHub: <a href="https://github.com/BogdanSemenov/PythonTasks">github.com/BogdanSemenov/PythonTasks</a> .</li></ul> <tr><td>ACHIEVEMENTS &amp; OTHERS</td><td><ul style="list-style-type: none"><li>• <b>Passed/Present courses:</b> Algorithms and Data Structures in C++, Python Programming, Objected Oriented Programming in C++, Database Course, Probability Theory(present), OS Architecture, Linear Algebra, Theory and Practice of Multi-threaded Programming(present).</li><li>• 1st place in Physics and Mathematics Olympiad "Phystech", 2018. <a href="https://olymp.mipt.ru">olymp.mipt.ru</a></li><li>• 4th/30 place in hackaton "TechRace VK x Junction". <a href="https://hackjunction.com/concepts/techrace">hackjunction.com/concepts/techrace</a></li><li>• Student of Deep Learning School. <a href="https://dlschool.org">dlschool.org</a></li></ul></td></tr>	ACHIEVEMENTS & OTHERS	<ul style="list-style-type: none"><li>• <b>Passed/Present courses:</b> Algorithms and Data Structures in C++, Python Programming, Objected Oriented Programming in C++, Database Course, Probability Theory(present), OS Architecture, Linear Algebra, Theory and Practice of Multi-threaded Programming(present).</li><li>• 1st place in Physics and Mathematics Olympiad "Phystech", 2018. <a href="https://olymp.mipt.ru">olymp.mipt.ru</a></li><li>• 4th/30 place in hackaton "TechRace VK x Junction". <a href="https://hackjunction.com/concepts/techrace">hackjunction.com/concepts/techrace</a></li><li>• Student of Deep Learning School. <a href="https://dlschool.org">dlschool.org</a></li></ul>
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