Evgeny Novokshanov

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EDUCATION

- **Bauman Moscow State Technical University**
  third year   *2020 - 2024*
  - **Faculty of Robotics and Complex Automation**: Computer-aided design systems(CAD systems)

OTHER EDUCATION

- **"Fundamentals of Robotics"**

  Attended the course "Fundamentals of Robotics" from 1C.

EXPERIENCE

- **Research work on the topic "computer vision"**   C++, OpenCV, PCL, ROS
  March 2022 - June 2022

  Developed software in C++ using PCL, OpenCV to connect a stereo camera and obtain a point cloud in real time.

- **Development of an automatic doctor appointment program**   Python, Flask, HTML/CSS, Selenium
  Feb. 2020 - May 2020

  Developed a web application that allows you to automatically make an appointment with the necessary doctor.

- **Discrete-event modeling of a multithreaded queuing system**   Python, GPSS
  Nov. 2021 - Jan. 2022

  Verification of the queuing theory of a closed queuing system with various system parameters.

- **Development of an information system**   Python, HTML/CSS, Flask, SQL, MySQL
  Sept. 2022 - Feb. 2022

  Backend and frontend development of an information system for the internal work of the restaurant: creating orders, maintaining statistics and reporting.

- **Computational Mathematics Course**   Python, Numpy, Matplotlib
  Sept. 2021 - Feb. 2022

  Implementation of numerical differentiation and integration methods, study and software implementation of Newton and gradient descent methods.

PROGRAMMING SKILLS

- **Programming languages**: C, C++, Python, SQL

- **Technologies**: Git, MySQL, Linux, X Window System, bash, ROS

- **Other skills**: Understanding the basic principles of ML(linear regression, regularization(L1, L2)), methods of numerical differentiation and integration methods, interpolation, methods for solving systems of linear algebraic and systems of homogeneous differential equations.