

# Kuznetsov Kirill

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📁 [github.com/bicikar](https://github.com/bicikar)

## Education

2019–2023 Saint-Petersburg State University, Mathematics and Computer Sciences department, Mathematics, Algorithms and Data Analysis, Bachelor's degree

2021–2024 Computer Science Center, Data Science

- Attended courses
- Data bases, Autumn 2021, CSC
  - Data analysis, Autumn 2021, CSC
  - Python, Autumn 2021, SPBU
  - Basics of Bayesian inference, Autumn 2021, SPBU
  - C++, Autumn 2020 - Spring 2021, SPBU
  - Machine Learning, Autumn 2021 - Spring 2022, SPBU

## Projects

Autumn 2021 RRT algorithm project, educational practice, SPBU MCS,  
[https://github.com/bicikar/rrt\\_python](https://github.com/bicikar/rrt_python)

- Realization of RRT\* algorithm for path planning
- Visualization of path planning

Autumn 2020 MathDetector, educational practice, SPBU MCS,  
<https://github.com/ArChanDDD/MathDetector>

- Convert a pdf or hand-drawn image into Tex-code
- Creation of datasets and image analysis

## Knowledge and skills

Programming Python,  
C/C++

Languages Russian - Native,  
English – Intermediate

## Publications

Sept. 2018– Subquandles of free quandles, educational practice, LCME (JHMO),

Apr. 2019 <https://arxiv.org/abs/1904.06571>

- Proof of that a subquandle of a free quandle is free