

Kuznetsov Kirill

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📁 github.com/bicikar

Education

- 2019–2023 Saint-Petersburg State University, Mathematics and Computer Sciences department, Mathematics, Algorithms and Data Analysis, Bachelor's degree
- Acquired a deep understanding of higher mathematics and programming
- 2021–2024 Computer Science Center, Data Science
- Attended courses
- Data bases, Autumn 2021, CSC
 - Data analysis, Autumn 2021 - Spring 2022, 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

- Spring 2022 Protocol detection bot, educational practice, SPBU MCS,
https://github.com/bicikar/protocol_detection_bot
- Make OCR for recognizing tables, extract text from table boxes and recognize handwritten digits.
- Autumn 2021 RRT algorithm project, educational practice, SPBU MCS,
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