

Kuznetsov Kirill

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Education

- 2019–2023 Saint-Petersburg State University, Mathematics and Computer Sciences department, Mathematics, Algorithms and Data Analysis, Bachelor's degree
- 2021–2022 Computer Science Center, Data Science
- 2022–2024 Yandex School of data analysis, Big data infrastructure
- Attended courses
- C++, Autumn 2020 - Spring 2021, SPBU
 - Data bases, Autumn 2021, CSC
 - Python, Autumn 2021, SPBU
 - Data analysis, Autumn 2021 - Spring 2022, CSC
 - Machine Learning, Autumn 2021 - Spring 2022, SPBU

Projects

- Spring 2022 Protocol detection bot, Python, SPBU MCS,
https://github.com/bicikar/protocol_detection_bot
- Make OCR for recognizing tables, extract text from table boxes and recognize handwritten digits.
- Autumn 2022 Bounded suboptimal algorithms, Python, SPBU MCS,
https://github.com/bicikar/heuristic_search
- Implementation of EES algorithm with different prioritet functions
- Autumn 2021 RRT* algorithm project, Python, SPBU MCS,
https://github.com/bicikar/rrt_python
- Realization of RRT* algoithm for path planning
 - Visualization of path planning

Knowledge and skills

- Programming Python,
C/C++,
PostgreSQL
- Languages Russian - Native,
English – Intermediate

Other

- 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