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, CSC
	○ Python, Autumn 2021, SPBU
	○ Basics of Bayesian inference, Autumn 2021, SPBU
	○ C++, Autumn 2020 - Spring 2021, SPBU
	○ Machine Learing, 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://https://github.com/bicikar/rrt_python
	○ Realization of RRT* algoithm 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– Apr. 2019	Subquandles of free quandles, educational practice, LCME (ЛНМО), https://arxiv.org/abs/1904.06571
	○ Proof of that a subquandle of a free quandle is free