Ilia Nechaev

CV

Paphos
Cyprus
✳ *2 July 2002*
📱 *+7 (931) 220 51 56*
📞 *+357 (975) 257 06*
✉ *lelikk2002@gmail.com*
in *spgc239*
○ *SPGC*
lelikk2002
SPGC239
○ *+79312205156*

Interest

Robotics, computer vision, system programming

Education

2020 - 2024 **Bachelor**, *SPbU*, Saint-Petersburg, *Faculty of Mathematics and Computer Science*
Mathematics, algorithms, data science

2022 - 2024 **Bachelor**, *UCLan Cyprus*, Pyla, *School of Science*
Computing

Experience

May 2024 - present **JetBrains**, *Research and educational assistant*
- ○ Robotics development (autonomous driving, embeded)
- ○ Neural networks development and deployment (mostly computer vision)
- ○ Teaching (C, Linux, Robotics, Computer vision)

September 2022 - May 2024 **Ice measuring system**, *Development intern*
- ○ Development utility for generation synthetic data for adjusting computer vision algorithms.
- ○ Development machine learning algorithms for detecting the width of the ice channel left by icebreaker based on camera frames

February 2023 - June 2023 **Veeroute**, *Development intern*
- ○ Development of algorithmic engine
- ○ Creating tests and benchmarks

Languages

Russian	Native
English	B2

Skills

Legend

■□□□□	basic knowledge	■■■□□	extensive project experience
■■□□□	intermediate knowledge with some project experience	■■■■□	deepened expert knowledge
		■■■■■	expert / specialist

	Level	Skill	Years	Comments
Programming languages:	■■■■□	Python	3	*Used a lot for ML/DL and ice cover generation applications. Worked with Pandas, NumPy, MatPlotLib, SciPy, Sklearn, CatBoost, XGBoost, PyTorch libraries*
	■■□□□	Go	1	*There was a course at the university. Created a few pet-projects*
	■■□□□	Rust	1	*There was a course at the university. Created a few pet-projects*
	■■□□□	C	3	*There was an extensive course at the university*
	■■■□□	C++	4	*There was an extensive course at the university. Used it during all internships*
OS:	■■■■□	Linux	5	
Other:	■■■□□	Machine learning	2	*There were 7 modules of ML/DL at the SPbU. I have experience at developing ML/DL algorithms, data preprocessing and models deployment. Field of interests: computer vision*
	■■■□□	Computer vision	2	*Used at JetBrains and during icebreaker project. Also both of my thesis were connected with computer vision*