


Maxim Korobko

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 github.com/andreevmaxi

Education

Moscow Institute of Physics and Technology

2019 – expected 2024

BSc Degree in Computer Science, Department of Innovations and High Technology

Highlighted Coursework:

Math Logic, Linear Algebra, Probabilities, Programming Technologies, Object-Oriented Programming, Computer Architecture and Operating Systems, Object-Oriented Programming, Databases

Technical Skills

Working Experience:

C, C++17, Python 3.x, L^AT_EX, Linux, Raspberry Pi, Visual Studio 2017-2019, CMake, Git, numpy, matplotlib, Algorithms and Data Structures, Doxygen, graphviz

Basic knowledge:

googletest, HTML, CSS, opencv, mavproxy, mavlink, OpenGL

Projects

Safe Memory-Efficient List realisation

November, 2019

- > **Developed** a secure hash- and canary-checked List class
- > **Implemented** a pool-based memory manager for the list

⚙️ **Tech stack:** C++, graphviz, Doxygen

Sorting Algorithms Analyzer

December, 2020

- > **Designed** an application for analyzing efficiency of sorting algorithms
- > **Built** the front-end using raw but efficient OpenGL API
- > **Implemented** several sorting algorithms

⚙️ **Tech stack:** C++, OpenGL

Other Talents/Hobbies/Activities/Soft Skills

Olympiad organisation

- > Volunteered for several Phystech olympiads and Regional stages of All-Russian olympiads.

Olympiads

- > Medalist at 1/4 ICPC 2020

Young Engineer MAI: Take Off Course

July, 2018

- > Developed and built a backend for flying mechanism for a quadrocopter.

Natural Languages

- > Russian (native)
- > Ukrainian (fluent)
- > English (fluent)