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github.com/ka10agitlab.com/imroggen

Education

[Moscow Institute of Physics and Technology \(State University\)](https://mipt.ru/english)

Sep 2017 - Jul 2021

(mipt.ru/english)

- Department of Innovations and High Technologies (now undergo the 3d course) - average score for examinations for first 2 courses is 4.9

*First academic year included : Logic, Databases, Algorithms and data structures, etc**Second academic year included : Advanced Algorithms, Probability and measure Theory, Computer architecture and operating systems, Discrete structures, Theory and practice of concurrent computing, etc*

Projects

- [Finding steganography project](https://github.com/TulaShlyosberg/LSB_testing) (github.com/TulaShlyosberg/LSB_testing) May 2018
 - Main purpose of the project was to learn how to find traces of steganography in the pictures. The conway's game of life and piece of code adding steganography in pictures was written in the frames of project.
- [Random Text Generator](https://bitbucket.org/imroggen/text-generator) (bitbucket.org/imroggen/text-generator) March 2018 - April 2018
 - Project that is generating the text consisted of given number of words on the base of some given text (worked with numpy and pickle python library)
- [Telegram bot](https://bitbucket.org/imroggen/linalg-bot) (bitbucket.org/imroggen/linalg-bot) May 2018
 - Telegram bot that gives results on some linear algebra operations (i.e. scalar multiplication, matrix multiplication, determinant calculation). (worked with numpy, json and telegram.ext python libraries)

Computer skills

Regularly working with:

- C/C++ 11 (CLion)
- VCS (Git)
- Linux bash
- Python3

Had experience with:

- C/C++
- SQL
- low level C programming
- Arm asm, asm x86
- Html, css, javascript
- Python via jupyter notebook & PyCharm
- Parallel & distributed systems, Hadoop, MPI, OpenMP

Languages

- Russian (native)
- English (intermediate)