

ALLA VERNIGOR

CONTACTS AND REFERENCES

Gmail: vernigor.aaaaa@gmail.com |

EDUCATION

**Higher School of Economics,
Moscow**

01.09.2019 – excepted 30.06.2023

Excepted degree: Bachelor in Applied Mathematics and Information Science

Current GPA: 8.97 out of 10 (5.0 out of 5)

TECHNICAL EXPERIENCE

Projects

- **Educational projects:** (2019, C++17) Hashtable (separate chaining with linked lists) realization,
- **Other projects:**
 - (2020, Python3) Browser version of the board game Dixit (Imanginarium). In the project, I was responsible for back-end and testing,
 - (2020, Python3) RuzoomBot. A telegram bot that sends information about a group lesson or a specific student's lesson (including the auditorium for offline lessons and a link for online lessons) to the subscribed chats and channels before the start of the lesson,
 - (2020, Python3) VKlinkParser. When you send a link from the VK social network to a chat or a channel in a telegram, the bot parses the post, the link to which was received, and sends it to the chat or channel, but in the correct format,

Technical skills

- Algorithms and Data structures

CONTESTS AND COMPETITIONS

- **Hackathons:**(2020, C++17, Python3) won the GSOM-hack (group competition). The goal was to solve the modification of pickup and delivery problem with time windows to optimize the routs for service buses. Our solution was Grouping Genetic Algorithm written on C++17 (The work with the data was carried out in python).
- **Contests. School:**(C/C++) Participated in mathematics and programming individual and team olimpiads. Participated in regional stages of the All-Russian Olympiad(10th-11th grade). Prize-winner of group regional programming olimpiad (2017-2018, C).
- **Contests. University:**(2019-2020, C++) Participated in Google Code Jam for Women, Google Code Jam and Hash Code.

WORK EXPERIENCE

- (12th July 2020 – 25th December 2020) Continue to work on the project from the hackathon for release to production and help with tasks for other projects related to ours (such as conducting experiments with gRPC).

PROGRAMMING LANGUAGES

Main language: C++17 (20) | **Also know:** Python3 | **Competitive programming only:** C

ASSOCIATED EXPERIENCE

- Helped in organizing school programming contests (testing, organization)
- Teaching Assistant in Linear Algebra and Geometry (I help students in mastering the material, and the teacher with checking oral and written works)