

Anastasia Ciaica

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<https://github.com/ciaica-anastasia>

EDUCATION

- **Moscow Institute of Physics and Technology (MIPT)** Moscow, Russia
Bachelor of Science in Computer Science Sep 2018 - Present
Phystech School of Applied Mathematics and Informatics

RELEVANT COURSEWORK

- **Computer Science:** Databases, Theory and Implementation of Programming Languages, Operating Systems and Computer Architecture, Algorithms and Models of Computation.
- **Mathematics:** Calculus, Analytical Geometry and Linear Algebra, Differential Equations, Introduction to Abstract Algebra and Coding Theory, Lebesgue Measure and Integral.
- **Discrete Mathematics:** Foundations of Combinatorics and Number Theory, Mathematical Logic and Algorithms Theory, Discrete Optimization.

PROJECTS

- **Microshell**
Developed a UNIX Shell, which involved parsing command line arguments, spawning processes, replacing user contexts, implementing I / O redirection, waiting for spawned processes, listing files in directories, directory traversal, pattern matching, obtaining information about spawned processes.
Tools: C++.
- **TCP Client-Server**
Built a TCP client-server program, where clients have the opportunity to get their message history and the message history of any other client.
Tools: C.

SKILLS

- **Programming Languages:** C++, C, Python, SQL, HTML, CSS, 3D Printing, \LaTeX .
- **Technologies and Tools:** Window/Linux fluent user, extensive experience with Microsoft Office-like software and Git system.
- **Languages:** Russian (Native), English (Advanced, TOEFL iBT Score 103), Romanian (Advanced), Spanish (Beginner), German (Beginner).

EXPERIENCE

- **MIPT Freshmen Mentor** Moscow, Russia
Supervised a group of freshmen, engaged in their adaptation to university life. Sep 2020 - Jun 2021
- **Online English Teacher**
Taught English to students of different levels and ages, TOEFL exam preparation. Apr 2020 - Aug 2020
- **Children's Health Camp "SPARTA"** Bulgaria
Senior Camp Counselor Summer 2018, 2019
Worked with children of different ages and backgrounds, as well as fully coordinated the work of all counselors and organized camp-wide games and events involving more than 100 children and employees.

ACHIEVEMENTS AND EXTRACURRICULAR ACTIVITIES

- **AYFN Summer Japan Experience Program** Japan
Immersed in the culture and science of Japan together with other students from around Summer 2019
the world.
- **Future Leaders Exchange (FLEX) Program** USA
Learned about the people and culture of the United States through international exchange 2016 - 2017
while attending a U.S. high school and living with a U.S. host family.
- **The President's Volunteer Service Award** USA
Completed 164 hours of community service. 2017
- **Organization of fundraising projects** USA
Having teamed up with the students from 18 countries, I organized my own fundraising 2017
project "Multicultural Fair", whose outcome in the amount of \$400 covered part of the cost of
treatment of a cancer patient.
- **Step Aerobics University Team** Moscow, Russia
Prize-winner of the Step Aerobics Moscow Cup. 2018