

Anastasia Ciaica

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EDUCATION

- **Moscow Institute of Physics and Technology (MIPT)** Sep 2018 - Jun 2022
Bachelor of Science in Computer Science
Phystech School of Applied Mathematics and Informatics

RELEVANT COURSEWORK

- **Computer Science:** Algorithms and Data Structures, Databases, Machine Learning, Operating Systems and Computer Architecture.
- **Mathematics:** Calculus, Probability Theory, Applied Statistics, Mathematical Logic, Optimization Methods.

EXPERIENCE

- **Amdaris Company** Feb - May 2021
Full Stack Web Developer Intern
 - Gained hands-on experience in building enterprise MVC applications.
 - Made use of ASP.NET Core, Entity Framework Core, ASP.NET Identity, and React.
- **Allied Testing Company** Nov 2020 - Apr 2021
QA Automation Engineer
 - Developed and maintained Web API and UI test automation framework to drive quality and efficiency in accordance with client's software specifications.
 - Utilized Maven and following libraries: TestNG, JUnit, Cucumber, Selenium, Apache POI, Apache HttpClient, XStream and Jackson.
 - Identified and reported product defects via Jira.
 - Measured system performance using JMeter and Load Runner.

PROJECTS

- **Url Validator**
 - Implemented a library for URL validation.
 - Unlike the analogue from Apache, added support of existing top-level domains and update of their list, as well as ability to configure scheme, authority, tld, etc. checks on the client side.
 - Tools: Java, JUnit.
- **Optimal Scheduling**
 - Found an optimal solution for the nurse scheduling problem (NP-hard) - the operations research problem of finding an efficient way to assign employees to shifts, using Simulated Annealing algorithm.
 - Tools: Python.

ACHIEVEMENTS AND EXTRACURRICULAR ACTIVITIES

- **MIPT Case Club** Oct - Nov 2021
Organized a joint case championship with McKinsey, which attracted over 100 participants.
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- **Online English Teacher** Apr - Nov 2020
Taught English to students of different levels and ages, prepared them for the TOEFL exam.
- **AYFN Summer Japan Experience Program** Japan
Immersed in the culture and science of Japan together with other international students. Summer 2019
- **Senior Kids Camp Counselor** Bulgaria
Coordinated the work of all counselors, organized camp-wide events for over 150 children. Summer 2018, 2019
- **Future Leaders Exchange (FLEX) Program** USA
Learned about people and culture of the United States through international exchange while attending a U.S. high school and living with a U.S. host family. 2016 - 2017

SKILLS

- **Programming Languages:** Java, C#, C++, C, SQL, Python, L^AT_EX.
- **Technologies and Tools:** Maven, Java libraries (TestNG, JUnit, Cucumber, Selenium, Apache POI, Apache HttpClient, XStream, Jackson), ASP.NET Core, EF Core, Postman, JMeter, Load Runner, VCS, 3D Printing.
- **Languages:** Russian(C2), English(C1, TOEFL iBT Score 103), Romanian(C2), Spanish(A2), German(A1).