

Davit Basiashvili

Education

High School | V. Komarov Public School N199 | 09/2018 - 06/2023

Cumulative GPA: 4.0 (out of maximum 4.0)

Coursework: undergraduate-level math, physics and science classes.

Leadership and Community Development

Founder and President | Club “Help Desk” V. Komarov Public School N199 | 01/2020- 07/2023

I founded a peer-to-peer tutoring club. The club provided tutoring in subjects like: math, physics, biology chemistry, and English. Over 150 students were involved and benefited from the club activities.

Class president | V. Komarov Public School N199 | 09/2021- 06/2022

Was elected as a class leader. I represented the needs of students to the school leadership. I led various initiatives highlighting the needs of the students and provided more access to educational opportunities.

Participant | “Robotechniques Future Camp” Government Funded| 07/2019

Designed and built hardware systems. Wrote code for Arduino and Raspberry PI microcontroller systems to allow execution of the selected task by a gadget. Experimented with building robots, drones, circuits, and programs. Led team in various activities and won second place in the robots competition.

Researcher | IYNT Club V.Komarov Public School N199 | 06/2021-08/2021

Selected as a team member for IYNT. Participated in the tournament and came up with creative solutions to scientific problems. Representing my school Komarovi for the national selection tournament. Got second place on my team and the status of the first reservist for the national tournament.

Treasurer | Robotics Club V. Komarov Public School N199 | 09/2018–05/2020

Utilized knowledge of electrical circuits, microcontrollers, and microprocessors to build small gadgets for various applications. Worked as part of a team on building rovers and small robots. Troubleshooted and solved various issues arising during the design and building process. Was responsible for managing the club budget and fundraising.

International Experiences

Leader | Erasmus+ exchange program “Digital arts gallery Alta Langa” | Bergolo, Italy | 07/2023

I led a youth exchange team from Georgia to Italy. I designed activities and created a framework for workshops. I managed time and practiced conflict resolution while guiding team discussions.

Participant | Erasmus+ exchange program “Sustainability and Green Future” | Majadas, Spain | 07/2022

I adapted seamlessly to the diverse cultural contexts and engaged in collaborative projects with international peers. I improved my intercultural communication and team working skills. Worked effectively in a diverse, multicultural setting.

Participant | Erasmus+ exchange program “It’s okay to be different” | Bauska, Latvia | 07/2022-08/2022

I engaged in collaborative projects with my international peers. I worked effectively in a diverse environment to reach a resolution towards a more inclusive culture in our communities.

Participant | Erasmus+ exchange program “Choose Respect” | Ruse, Bulgaria | 07/2021

I participated in community activities centered around the topic of choosing respect. I engaged with a team from four different countries and mediated discussions around cultural differences and respecting those differences.

Tournaments and Olympiads

Participant | International Young Naturalists Tournament member of V. Komarov Public School N199 group | 6/2021-8/2021

2nd place schoolwide, 7th place nationally.

Participant | National Olympiad in Physics | 2022

Got in the top 25 students in my country in physics

Participant | National Olympiad in Mathematics | 2022

Got in the top 125 students in my country in Mathematics

Participant | Nautilus Olympiad in Mathematics | 2022

Got in the top 50 students in mathematics

Certifications and Courses

11/2020 - Graphical design course in Adobe illustrator - Ilia State University Online Course

05/2021 - 3D course in Fusion 360. | Ilia State University Online Course

01/2022 – Web development Masterclass – Complete Certificate course - UDEMY online course.

05/2022 – Complete Python bootcamp - from zero to hero – in Python 3 - UDEMY online course.

09/2022 – Bitcamp completed first stage - Introduction to Computer Science in JavaScript

2023 – Bitcamp second stage - Responsive Web Design – Freecodecamp.

2022 – Information Technology Teaching Institute Mziuri - Completion of Web Programming course

Skills and Interests

Programming Skills: HTML, CSS, JavaScript, Bootstrap, JQuery, Python, GitHub

Engineering Skills: Arduino, Raspberry PI, STM F32-1;

Languages: English - fluent, Georgian - native proficiency, Russian - native proficiency.

Interpersonal Skills: Time management, Leadership, Communication, Adaptability, Teamwork;

Analytical Abilities: Critical thinking, Data analysis, Research skills.

Hobbies and Interests: Swimming, Running, Backpacking, Reading.